EDULEARN16 TABLE OF CONTENTS

LOGIC STRUCTURE OF HEALTH-FORMING EDUCATIONAL SPACE OF SCHOOL IN CONDITIONS OF META-SUBJECT ORIENTATION OF GENERAL EDUCATION IN RUSSIA E. Cherepov, A. Aminov	1
ASSESSMENT OF MOBILE LEARNING AND TECHNOLOGY AS A COMPLEMENT TO THE ACADEMIC TEACHING BY DENTAL FACULTY AT ULACIT R. Utsman, M. Padilla, M. Garcia, A. González	6
DEVELOPING CRITICAL READING, THINKING AND DISCUSSION SKILLS AMONG STUDENTS AT A MASTERS LEVEL USING VIRTUAL LEARNING ENVIRONMENT Y. Bobrova, L. Marjanovic-Halburd, P. McLennan	11
PROJECT-BASED LEARNING IN UNIVERSITY PHYSICS. PROBLEM SOLVING IN ACOUSTICS E. Astigarraga-Ruiz, J. Fernández de Gamboa-Ispizua, M.J. Elejalde-García, E. Macho-Stadler	21
VOCATIONAL TRAINING ON SUSTAINABLE BUILDINGS MAINTENANCE AND REFURBISHMENT – PRELIMINARY RESULTS OF FORMAR PROJECT A.P. Duarte, A. Goncalves, A. Joyce, K. Nunes, M. Herrando, C. Cantau, E. Reis, E. Rodríguez, D. Rouault	31
ENGAGEMENT AND BURNOUT IN TEACHING ENVIRONMENT: CASE OF HIGHER EDUCATION IN SPAIN R. Mababu Mukiur, M.R. García Revilla	41
GAMIFICATION IN THE TRANSLATION AND INTERPRETING DEGREE: A NEW METHODOLOGICAL PERSPECTIVE IN THE CLASSROOM J. Gutiérrez-Artacho, M.D. Olvera-Lobo	50
GAMIFICATION OF INNOVATION PROCESSES BY BRINGING "WORLD OF WARCRAFT" TO THE REAL WORLD C. Gyldendahl Jensen	59
TINKERING WITH LEARNING: TOYS AS LEARNING OBJECTS E. Surender, K. Patil	69
DEVELOPING AN ONLINE CLINICAL ALGORITHMIC SOFTWARE FOR PRE- REGISTRATION PHARMACISTS' TRAINING PROGRAM Q.J. Ong, S.Y. Lee, K. Yap	81
ON PERSONALISED LEARNING APPROACH BASED ON APPLICATION OF INTELLIGENT TECHNOLOGIES E. Kurilovas, J. Kurilova, T. Andruskevic	89
IMPACT ON ENGLISH READING FOR ENGLISH AS A SECOND LANGUAGE LEARNERS (ELLS) USING VIRTUAL CLASSROOM PLATFORM – IN GOVERNMENT SCHOOLS S. Agarwal, P. Vora	99
ON EVALUATION OF QUALITY AND SUITABILITY OF LEARNING PATHS TO STUDENTS' PERSONAL NEEDS E. Kurilovas, J. Kurilova, T. Andruskevic	111
EVALUATION OF A TEACHING-LEARNING EXPERIENCE OF PROJECT THROUGH A WORKSHOP ON DESIGN METHODS ORGANIZED FOR UNDERGRADUATE STUDENTS FROM TWO DESIGN FACULTIES AS PART OF AN INTERNATIONAL COLLABORATION C. Aun Bertoldi, D. Kutschat Hanns, S. Goldchmit	122
A GENERAL ARCHITECTURE FOR CONTENT DRIVEN MOBILE APPLICATIONS: BUILDING AN INTERACTIVE TOUR GUIDE FOR HISTORICAL SITES M. Politze, S. Consoir	133
INTERACTIVE MOBILE LEARNING ENVIRONMENT WITH BETTER UTILIZATION OF THE LIMITED RESOURCES IN MOBILE DEVICES T. M. A. U. Gunathilaka	140
INCLUSIVITY IN HIGHER EDUCATION THROUGH LMS PLATFORMS IN DEVELOPING COUNTRIES	147
S. Criollo-C, S. Luján-Mora, A. Jaramillo-Alcazar, W. Villegas-Ch	
STATE OF KNOWLEDGE OF THE ERP SYSTEMS - RESULTS OF THE PILOT STUDY PERFORMED AMONG MANAGEMENT FACULTY STUDENTS K. Grochowski, A. Januszewski	154
EVOLUTION OF TEACHER AND STUDENT RELATIONS N. Belenkova	161

J. com dev Dool, B. vam Uffelem THE PARTICIPATORY ACTION RESEARCH FOR A DEVELOPMENT OF POTENTIAL ENHANCEMENT MODEL FOR SUPERVISORS AND COOPERATING TEACHERS TO DEVELOP THE ABILITIES TO BE MENTORS FOR STUDENT TEACHERS P. kitroengrener FLIPPED LECTURES IN CHEMISTRY USING PERSONAL RESPONSE SYSTEMS AND PEBER INSTRUCTION P. Smith EDUCATION FOR INNOVATION: CONSTRUCTION OF A COMPETENCY-BASED PROFILE A. Oliveira Garcia, R. Augusto da Silva, E. Vizconde Veraszto, S. Ferreira do Amaral THE CHALLENGE OF THE NEW DOCTORATE PROGRAMS IN ENVIRONMENTAL (LANDSCAPE) SCIENCES P.J. Guttièrre-Yurrita EXAMINING THE DETERMINANTS OF LEADERSHIP STYLE IN SPANISH SECONDARY SCHOOLS J. Campos-Garcia, J.L. Montes-Botella, J.A. Zuninga-Vicente TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS J.M. Dévid Murtin, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huertlu EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirals, A Freie ANDE NGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARBUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee DOPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. Garcia-Piquers, M. Pérez-èrez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS PROFILE SAIDMAN, Agub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS C. Jedana, M. Agub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UN	MICRO-DESIGN IN SPECIAL EDUCATION S. Messina, R. Casado-Muñoz, F. Lezcano-Barbero, E. Marino	164
ENHANCEMENT MODEL FOR SUPERVISORS AND COOPERATING TEACHERS TO DEVELOP THE ABILITIES TO BE MENTORS FOR STUDENT TEACHERS P. & Altronogrations of the property of	MUSICAL SAFE SPACE J. van den Dool, B. van Uffelen	170
PEER INSTRUCTION P. Smith EDUCATION FOR INNOVATION: CONSTRUCTION OF A COMPETENCY-BASED PROFILE A. Oliveira Carcia, R. Augusto da Silva, E. Vizconde Veraszto, S. Ferreira do Amaral THE CHALLENGE OF THE NEW DOCTORATE PROGRAMS IN ENVIRONMENTAL (IANDSCAPE) SCIENCES P.J. Gutiérrez-Yurrita EXAMINING THE DETERMINANTS OF LEADERSHIP STYLE IN SPANISH SECONDARY SCHOOLS I. Campos-Garcia, J.L. Montes-Botella, J.A. Ziūñiga-Vicente TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS J.M. Diavila Martiu, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Himerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGACEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARD D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. Garcia-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bediu A STUDY OF IMPLEMENTING AN INTERDECISION STUDENTS G. Salama, M. Ayub THOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS Libz, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING LHARVE, M. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING. LEARNING PR	THE PARTICIPATORY ACTION RESEARCH FOR A DEVELOPMENT OF POTENTIAL ENHANCEMENT MODEL FOR SUPERVISORS AND COOPERATING TEACHERS TO DEVELOP THE ABILITIES TO BE MENTORS FOR STUDENT TEACHERS P. Kitroongrueng	173
PROFILE A. Oliveira Garcia, R. Augusto da Silva, E. Vizconde Veraszto, S. Ferreira do Amaral THE CHALLENGE OF THE NEW DOCTORATE PROGRAMS IN ENVIRONMENTAL (LANDSCAPE) SCIENCES P.J. Gutiérrez-Yurrita EXAMINING THE DETERMINANTS OF LEADERSHIP STYLE IN SPANISH SECONDARY SCHOOLS 1. Campos-García, J.L. Montes-Botella, J.A. Zúñiga-Vicente TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS J.M. Dávila Martín, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-García, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERPDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jöz, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volenkova, T. Bryan, L. Shestakova LEARNING, P. MCTRUCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHINGLEARNING PROCESS FOR DISTANCE STUDENTS S	FLIPPED LECTURES IN CHEMISTRY USING PERSONAL RESPONSE SYSTEMS AND PEER INSTRUCTION P. Smith	180
THE CHALLENGE OF THE NEW DOCTORATE PROGRAMS IN ENVIRONMENTAL (LANDSCAPES SCIENCES P.). Gutiérrez-Yurrita EXAMINING THE DETERMINANTS OF LEADERSHIP STYLE IN SPANISH SECONDARY SCHOOLS 1. Campos-García, J.L. Montes-Botella, J.A. Ziúñiga-Vicente TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS J.M. Dávila Martín, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-García, L. Subirats. A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. HO THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	EDUCATION FOR INNOVATION: CONSTRUCTION OF A COMPETENCY-BASED PROFILE A Olivaira Carcia R. Avgusto da Silva F. Vizconda Varaceto S. Farraira do Amaral	192
SECONDARY SCHOOLS 1. Campos-García, J.L. Montes-Botella, J.A. Zúñiga-Vicente TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS J.M. Dávila Martín, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkora, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	THE CHALLENGE OF THE NEW DOCTORATE PROGRAMS IN ENVIRONMENTAL (LANDSCAPE) SCIENCES P.J. Gutiérrez-Yurrita	202
TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS JAM. Dávila Martín, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. Garcia-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	EXAMINING THE DETERMINANTS OF LEADERSHIP STYLE IN SPANISH SECONDARY SCHOOLS I. Campos-García, J.L. Montes-Botella, J.A. Zúñiga-Vicente	210
EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subitats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. HO THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?": INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	TEACHING MATERIALS FOR ACQUISITION OF CAPABILITIES AND EVALUATION OF CONTENTS	221
LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. Carcía-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE S. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	J.M. Dávila Martín, J.C. Fortes-Garrido, J.F. Ballester, M.O. Barroso, B. Fortes-Hidalgo EQUITY AND THE INCREASE OF SOCIAL CAPITAL AS THE GUIDING LINES FOR MEXICO CITY'S EDUCATIONAL POLICY 2007-2012 M. Carrillo-Huerta	229
LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	EDUCATIONAL THEMES AND BEST PRACTICES: DESIGNING ONLINE GRAPHIC LEARNING, THE SUBJECT, THE NATURE OF THE MEDIUM, THE METHOD, THE SPACE C. Ord-Shrimpton	238
AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN T.H. Ho THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	LESSONS LEARNED IN PROMOTING NEW TECHNOLOGIES AND ENGINEERING IN GIRLS THROUGH A GIRLS HACKATHON AND MENTORING A. Ruiz-Garcia, L. Subirats, A. Freire	248
ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	AN EVALUATION OF PUPPETRY ON ENHANCING PARENT-CHILD RELATIONSHIP AND ENGAGEMENT IN DIGITAL CHILDREN PICTURE BOOK DESIGN $T.H.\ Ho$	257
EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	THE ANALYSIS OF SUITABILITY ON PHYSICAL COMPUTING EDUCATION USING ARDUINO FOR 2015 REVISED CURRICULUM IN KOREA D.G. Lee, J. Choi, Y. Lee	266
NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub "HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	OPEN COURSE WARE AS A SUPPORTING TOOL FOR TEACHING IN HIGHER EDUCATION: AN EXPERIENCE FROM THE UNIVERSITY OF CANTABRIA G. García-Piqueres, M. Pérez-Pérez, A.M. Serrano-Bedia	270
"HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	A STUDY OF IMPLEMENTING AN INTERDISCIPLINARY PROJECT TO PROMOTE NECESSARY SOFT SKILLS FOR ENGINEERING STUDENTS G. Salama, M. Ayub	279
CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	"HOW DID SCIENCE LESSONS GO AT SCHOOL?"- INTRODUCING THE ANALYSIS OF UNIVERSITY STUDENT INTERVIEWS ON SCIENCE SUBJECTS E. Jász, M. Chrappán, E. Malmos	283
MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	CASE STUDY OF PERFORMANCE IMPORTANCE ANALYSIS IN ASSURANCE OF LEARNING J. Harvey, K. McCrohan	293
S. Poelmans, Y. Wautelet BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	A CENTER FOR ACADEMIC WRITING AT SOUTH URAL STATE UNIVERSITY: WHICH MODEL TO CHOOSE? K. Volchenkova, T. Bryan, L. Shestakova	299
THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	LEARNERS' MOTIVATION AND THE SUCCESS OF MOOCS S. Poelmans, Y. Wautelet	308
PHILOSOPHICAL CHAIRS TO DEVELOP EGYPTIAN EFL STUDENTS' SPEAKING 328	BENEFITS OF THE ADAPTATION OF INTERACTIVE EDUCATIONAL MATERIALS IN THE TEACHING-LEARNING PROCESS FOR DISTANCE STUDENTS S. Rosado Martin, M. Gértrudix Barrio, N. Esteban Sánchez	318
	PHILOSOPHICAL CHAIRS TO DEVELOP EGYPTIAN EFL STUDENTS' SPEAKING SKILLS S. Zakareya Ahmad	328

EXPLORING THE INFLUENCING OF VIDEO FEEDBACK UPON TEACHER CANDIDATES' CONSTRUCTION OF TEACHING BELIEF AND SPECIALIZED KNOWLEDGE S. Li	338
INDIRECT MEASURES OF ASSESSING THE BACHELOR OF SCIENCE IN ACCOUNTANCY PROGRAM AT A PRIVATE AND NON-PROFIT UNIVERSITY IN CALIFORNIA C. Fajardo	339
ICT APPLICATION PECULIARITIES IN TEACHING/LEARNING OF PROFESSIONAL MEDICAL TERMINOLOGY IN THE LATIN LANGUAGE: CASE STUDY J. Artimova, E. Butrime, D. Gudaityte, S. Morkeviciene	347
PROJECTS IN CLASSES TO DEVELOP SCIENTIFIC COMPETENCES BASED ON BAR AND SPHERE MODELS, AND 3D ORGANIC DEMO MODEL ON LINE V.M. Piñeros Caipa, D. Moreno Mediavilla	357
IMPROVING THE TEACHING - LEARNING PROCESS USING EDUCATIONAL VIDEOS AS REUSABLE LEARNING OBJECTS (RLO) IN THE FIELD OF THERMAL ENGINEERING 1. Zabalza, B. Peña, E.M. Llera, S. Usón	363
TEACHER AND SCHOOL SUPPORT CONFRONTING SOCIAL INEQUALITIES: USING	373
A DIGITAL PLATFORM I. Voulgari, A. Androusou, V. Tsafos, S. Avgitidou, D. Kakana	
OUR EXPERIENCE IN ELABORATION OF A SYSTEM OF EXERCISES FOR DEVELOPMENT OF SELF-CONTROL BY USING MOBILE TECHNOLOGY D. Stoyanova, S. Stoyanova-Petrova, N. Kafadarova, N. Mileva	381
PRE-SERVICE SECONDARY TEACHERS' ATTITUDES AND TRAINING TOWARDS DIVERSITY	387
M.J. Hernández-Amorós, M.E. Urrea-Solano, J. Ripoll-Ferrándiz	
QUALITY ASSURANCE AND QUALITY OUTCOMES IN THE REGULATION OF TEMPUS ECOSTAR: ENGLISH FOR HIGHER EDUCATION IN ISRAEL A.M. Andreou, V. Kalogerou	397
INTEGRATING MOBILE AUGMENTED REALITY TECHNOLOGY IN PHYSICS EDUCATION AT THE SECONDARY SCHOOL D. Stoyanova, Z. Raykova	403
PRE-SERVICE TEACHERS' CONCEPTIONS ON THE INTERACTION DIFFICULTIES WITH STUDENTS WITH SPECIAL EDUCATIONAL NEEDS: A QUALITATIVE APPROACH	409
M.E. Urrea-Solano, M.J. Hernández-Amorós	440
DESIGNING A FLEXIBLE AND INEXPENSIVE LABORATORY FOR TEACHING INDUSTRIAL COMMUNICATION SYSTEMS M. de Sousa, L. Almeida, A. Sousa, P. Portugal	419
THE EFFECTS OF PEER LEARNING ON STUDENT PERFORMANCE: A STUDY ON FIRST YEAR UNDERGRADUATE BUSINESS STUDENTS A. Qurashi, S. Mateen	427
STRATEGY FOR DEVELOPMENT OF CONVENTIONAL AND INNOVATIVE EDUCATION O. Rozhkova, A. Stepanova	431
THE IMPACT OF RELATIONAL COORDINATION DIMENSIONS ON THE QUALITY OF	438
HIGHER EDUCATION V.M. Margalina, C. Meléndez Tamayo, C. de Pablos Heredero	100
MATURITY MODEL OF PROJECT MANAGEMENT IN RESEARCH PROJECTS: A SYNTHESIS OF PROJECT MANAGEMENT LITERATURE AND DIRECTIVES FOR FUTURE RESEARCH A. Klaus-Rosinska	445
INVESTIGATING PRE-SERVICE TEACHERS' PEDAGOGICAL CONTENT KNOWLEDGE AND UNDERSTANDING OF INQUIRY: IMPLICATIONS FOR LESSON PLANNING AND RESPONSES TO IN-CLASS STUDENT INQUIRY L. Louca, T. Skoulia, Z. Zacharia	455
UNDERSTANDING DIGITAL LEARNING PROCESS S. Sirkemaa, H. Varpelaide	456
EXPERIENCES FROM USING VIDEO IN LEARNING PROCESS S. Sirkemaa, H. Varpelaide	460

IMPROVING VIRTUAL COURSES QUALITY TROUGH RELATIONAL COORDINATION MECHANISMS V.M. Margalina	466
A RECOMMENDATION SERVICE FOR SUPPORTING EVALUATORS OF ADAPTIVE EDUCATIONAL SYSTEMS IN THIRD LEVEL INSTITUTIONS C. Mulwa, D. Fitzpatrick, V. Wade	467
USING WIKI TO FACILITATE PROBLEM BASED LEARNING IN PEDIATRIC DENTISTRY J. de Nova García, C. González Aranda, M. Maroto Edo, M. Dieguez Pérez, N. Gallardo Lopez, R. Mourelle Martinez, A. Caleya Zambrano, G. Saavedra Marbán, T. Alvear Campuzano, N. Rodríguez	477
Peinado EFFECTIVENESS OF A TRAINING PROGRAM TO DEVELOP FUTURE WORK SKILLS IN EUROPEAN UNIVERSITY STUDENTS	483
E. Olmedo-Moreno, B. Manzano-García, J. Expósito-López THE EFFECT OF TWO DIFFERENT CONFIGURATIONS OF A SOFTWARE TOOL FOR CONSTRUCTING GRAPHS ON SECONDARY SCHOOL STUDENTS' KNOWLEDGE AND INQUIRY SKILLS N. Xenofontos, T. Hovardas, Z. Zacharia, T. de Jong	489
DESIGNING AN INSTRUMENT TO ENRICH THE UNIVERSITY STUDENTS' PLES E. Olmedo-Moreno, G. García-Quirante	490
COMPUTATIONAL THINKING IN CONNECTION WITH THE ACQUISITION OF KEY SKILLS FOR THE 21ST CENTURY: REFLECTION FROM LITERATURE REVIEW T. Djambong	500
DIGITAL MEDIA IN VISUAL ARTS EDUCATION. FROM STRATEGY TO PRACTICE Z. Špidlová	510
GUIDELINES TO FOSTER METACOGNITIVE SKILLS IN ONLINE PROFESSIONAL COMMUNICATION TRAINING K. Van de Poel, C. Fourie	522
MINDFULNESS IN VOCATIONAL TRAINING EDUCATION C. Moron, M.P. Ramos, P. Saiz, D. Ferrandez, J.P. Diaz	532
CHROMATIC VISUAL CODE DESIGN FOR COLOR-GRAPHEME ASSOCIATION SCHOLASTIC DEAF POPULATION G. Barragán, N. Ramírez	540
DEVELOPING A MOOC FOR TEACHING EMPLOYABILITY SKILLS TO FOREIGN STUDENTS IN GERMANY A. Kapanen, S. Dressler, D. Edgar, B. Temple, T. Rachfall, D. Förster-Trallo	551
EXAMINING THE ADDED VALUE OF THE USE OF AN EXPERIMENT DESIGN TOOL AMONG SECONDARY STUDENTS WHEN EXPERIMENTING WITH A VIRTUAL LAB N. Xenofontos, A. Fiakkou, T. Hovardas, Z. Zacharia, A. Anjewierden, L. Bollen, M. Pedaste	562
IMPACT OF GLOBAL MEDICAL SERVICE TRIPS ON PHYSICIAN CAREERS L. Ravago, C. Haddad, J. Haddad-Lacle, V. Kockler, E. Devos, L. Bilello	569
IMPROVED LEARNING PERFORMANCE BASED ON A FLIPPED CLASSROOM CONCEPT – A CASE STUDY ABOUT IMPROVED LEARNING PERFORMANCE DUE TO A DIGITALLY ENHANCED COURSE STRUCTURE S. Dressler, T. Rachfall, A. Kapanen, D. Förster-Trallo	570
USE OF ELECTRONIC TEACHING AND METHODICAL COMPLEX BASED ON MOODLE EDUCATIONAL PLATFORM FOR PROFESSION-ORIENTED ENGLISH LANGUAGE TRAINING OF RUSSIAN COSMONAUTS N. Mikheeva, N. Dvoryadkina	576
IMPACT OF EDUCATION SYSTEM (SEMESTER AND ANNUAL SYSTEM) ON STUDENTS' PERFORMANCE IN PAKISTAN N. Fardows, D. Nayer, S. Nayer, H. Yousuf	581
SLEEPING HABITS AT ADOLESCENCE AND ITS INFLUENCE ON LEARNING C. Moron, V. Blanco, D. Ferrandez, A. Payan, M.P. Ramos	589
AFFECTIVE INTERFACE TO IMPROVE U-LEARNING L.B. Digion	598
THEORETICAL FOUNDATIONS OF THE YOUTH@WORK GAME E. Boyle, G. Allan, J. Moffett, T. Connolly, H. Oudi, A. Badii, S. Einarsdóttir, H. Hummel, A. Graur	606
USING COMPUTER VISION FOR STUDENT-CENTRED REMOTE LAB IN ELECTRONICS F. Khattar, F. Luthon, B. Larroque, F. Dornaika	614

A COMPARISON STUDY OF THE TECHNOLOGY ENTREPRENEURSHIP PROGRAMS AT UNIVERSITY COLLEGE OF SOUTHEAST NORWAY AND UNIVERSITY OF CALIFORNIA, BERKELEY M. Waskaas, S. Hermanowicz	624
TEACHING MSC STUDENTS HOW TO HANDLE SATELLITE IMAGES FOR OCEANIC STUDIES USING R G. Ibarra-Berastegi, J. Saenz, G. Esnaola	631
ANALYSIS OF COMPETITIVENESS OF HIGHER EDUCATION WITH ECONOMETRIC MODELS O. Sedlak, J. Birovljev, Z. Ciric, J. Eremic, I. Ciric	638
OPEN ACCESS STATISTICS RESOURCES I. Weir, R. Gwynllyw, K. Henderson	646
IMPROVING ACCESSIBILITY AND USABILITY IN E-LEARNING W. Villegas-Ch, S. Luján-Mora, A. Jaramillo-Alcazar, S. Criollo-C	656
NEUROMYTHS IN MORAL NEUROEDUCATION D. Pallarés Domínguez	663
EFFECTIVE MEDICAL PROFESSIONALS: TRANSLATING FOREIGN LANGUAGE NEEDS IN ONLINE INTERCULTURAL COMMUNICATION TRAINING K. Van de Poel	672
THE USE OF GAMIFICATION IN MASTER DEGREE PROGRAMS. EFFECTS ON STUDENTS' SATISFACTION AND POSITIVE WORD OF MOUTH C. Ruiz Mafe, J. Marti Parreño, R. Curras-Perez	682
HOW TO DESIGN A QUESTION: SYMBOLIC REPRESENTATION OR TEXT PASSAGE? EVIDENCE FROM EYE MOVEMENTS A. Bayazit, P. Askar	691
IMPLEMENTING BLENDED LEARNING IN A GRADUATE COURSE IN A GHANAIAN UNIVERSITY: A PRACTICAL EXPERIENCE S. Asunka, D. Okwabi Adjin	697
DIDACTIC EXPERIENCES INVOLVING MOBILE ROBOTICS HAVING MICROFACTORY AS CONTEXT M.P. Silva, J. Gonçalves, P. Costa	704
DESIGN OF HYBRID LABS IN ENGINEERING: A PROPOSAL FOR STEM LEARNING E.D. Velosa, E. Espildora, F. Castillo, A. Gonzalez	713
EMOTIONAL DESIGN CONVERGENCE OF E-BABY EDUCATIONAL TECHNOLOGY INTO NEW PARADIGMS OF LEARNING IN NURSING L. Fonseca, N. Aredes, F. Goes, D. Mello, J. Martins, M. Rodrigues	724
LEARNING TO LEARN COMPETENCY DEVELOPMENT WITH INFORMATION AND COMMUNICATIONS TECHNOLOGY USE: MULTIPLE CASE STUDY AT SECONDARY SCHOOLS	726
B. Rocosa Alsina, A. Sangrà, N. Cabrera META-EVALUATION OF THE PROGRESS AND EFFECTS OF EXTERNAL EVALUATION - EXPERIENCES AFTER SIX YEARS OF THE PEDAGOGICAL SUPERVISION REFORM B. Walczak, J. Kołodziejczyk	736
THE USE OF VIRTUAL LABS IN THE DESIGN OF ACTIVITIES FOR SEMINAR WORK FOR OPTOMETRY STUDENTS. A PRACTICAL EXAMPLE M.J. Luque Cobija, D. de Fez Sáiz, M.C. García Domene, M.A. Díez Ajenjo, J.V. García Marqués, P. Gómez García, A. Guzmán García	746
LEARNING COMMUNITIES: ENABLING KNOWLEDGE CREATION THROUGH SEGMENTED NETWORKS E. Romero Fuerte, M. Gómez García	756
CONTRIBUTION TO THE STUDY OF THE CORRELATION BETWEEN THE STRATEGIC ALIGNMENT OF UNIVERSITY INFORMATION SYSTEMS AND BUSINESS PERFORMANCE OF MOROCCAN UNIVERSITIES S. Ahriz, K. Mansouri	762
DEVELOPMENT OF TPACK-BASED TEACHER TRAINING COURSE FOR EDUCATIONAL PROGRAMMING LANGUAGE J. Yi, S. Paik, Y. Lee	769
ACADEMIC TUTORING AS A MECHANISM TO PROMOTE ENTREPRENEURSHIP I. Ortiz Betancourt, S.G. Flores, G. Capetillo, F. Leyva, D. Betancourt, M. Arroyo	776
DEVELOPING THE TRANSLATION COMPETENCE OF TECHNICAL UNIVERSITY RESEARCHERS L. Goryanova, E. Frantcuzskaia, O. Lutoshkina	782

SCIENTIFIC RESEARCH IN DISTANCE-LEARNING COURSES A. Macêdo, M. Santos, L. da Silva, L. Barros, J. Diniz, T. da Silva	786
USING A BLENDED LEARNING APPROACH TO BRIDGE THE GAP BETWEEN THE WORLD OF INDIVIDUALIZED EDUCATION AND THAT OF COLLABORATIVE WORK R. Fernández-Flores, B. Hernández-Morales	794
MAKER CULTURE: ARTICULATION BETWEEN ART AND TECHNOLOGY? C. Gomes França, R.A. da Silva Alves	801
DEVELOPMENT OF THE INTELLIGENT VIRTUAL LABORATORY FOR EDUCATION M. Ipalakova, Y. Daineko, M. Yunnikova, M. Brodyagina, Z. Bolatov	808
MOBILE LEARNING IN ENGINEERING EDUCATION: HOW EFFECTIVE IS IT? T.G. Sreelakshmi	816
ANALYSIS OF GENERIC COMPETENCIES OF UNIVERSITY STUDENTS IN ECONOMICS AND MANAGEMENT STUDY PROGRAMMES J. Martinavicius, A. Miskinis, G. Druteikiene	823
A METHOD TO IDENTIFY FACTORS INFLUENCING LEARNERS WHEN USING E- LEARNING PLATFORMS Y. Boni, L. Capus, E. Sanchis	828
DISTANCE LEARNING AND IN SERVICE TEACHERS: AN EXPERIENCE OF COURSE DESIGN J.M. Gasca García	835
MOVING TOWARDS AN EDUCATION WHICH DEVELOPS COMPETENCIES IN THE CLASSROOM- A CURRENT CHALLENGE V.M. Piñeros Caipa, D. Moreno Mediavilla, V. Pascual, A. Palacios	840
VIRTUAL LIGHTING LABORATORY FOR INTERIOR LIGHTING DESIGN EDUCATION J. Feng	848
THE INTERNATIONAL ACTIVITIES OF PHD STUDENTS AND ACADEMIC STAFF AS A FACTOR IN THE RESEARCH AND EDUCATIONAL DEVELOPMENT OF A UNIVERSITY I. Kotlyarova	854
USING A LEARNING PROJECT TO TEACH PLASTIC RECYCLING A. Grunewald Nichele	859
A MODEL THAT ACCOMODATES MULTIPLE ACCREDITATIONS AND ASSESSMENT M. Danaher, K. Schoepp	864
CONCEPT FORMATION USING AN INTERACTIVE DIGITAL SIMULATION VS. USING AN ILLUSTRATED TEXT IN SCIENCE EDUCATION C. Chao Rebolledo	872
DEVELOPING A TRANSFERABLE RESEARCH PORTAL - CREATING AN ON CAMPUS EQUIVALENT FULLY ONLINE RESEARCH COURSE COMPONENT S. McKenzie, F. Garivaldis, A. Kaissidis, M. Mundy	877
A COMPARATIVE APPROACH TO SCIENCE EDUCATION: PEDAGOGY AND LEARNING TECHNOLOGY IN CHINA & THE US K. Hossain	883
A MICROWORLD FOR CULTIVATING LEARNERS' SELF-AWARENESS ON HUMAN DECISION-MAKING IN AN EMERGENCY SITUATION C. Damrongrat, M. Ikeda, A. Kongthon, T. Supnithi	884
THE INFLUENCE OF CONVICTIONS CONCERNING THE NATURE OF HUMAN DEVELOPMENT ON TEACHERS' REACTIONS TO AGGRESSIVE STUDENTS' BEHAVIOURS J. Kołodziejczyk	894
E-ASSESSMENT MATERIAL BANK ABACUS A. Rasila	898
IMPLEMENTATION ISSUES WITH GAMES-BASED ASSESSMENT N. Awwal, C. Scoular, P. Griffin	905
A NEW APPROACH FOR ASSESSING 21ST CENTURY SKILLS IN COMPUTING M. Danaher	911
DEVELOPING TEAM WORKING AND PLANNING COMPETENCES IN OPERATIONS MANAGEMENT COURSES C. García Palao, P. Coughlan, M.J. Oltra Mestre, M. Flor Peris	912
STUDENTS' CONTRIBUTION TO DEVELOPMENT OF A DIGITAL GAME FOR LEARNING SIMPLE ELECTRIC CIRCUIT F. Özer, G. Serin	922

EXCHANGE PROGRAMMES AT THE FACULTY OF SCIENCE. UNIVERSITY OF ALICANTE	923
R.M. Martínez-Espinosa, L. Gras García	
COULD SOCIAL NETWORK ANALYSIS (SNA) BE USEFUL FOR TEACHING SCIENTIFIC ARGUMENTATION? USING SNA ENCOURAGES TEACHERS TO REFLECT UPON AND IMPROVE THEIR TEACHING PRACTICES S. Ryu	929
PROBLEMS OF NUMBER THEORY IN PROGRAMMING CONTESTS M. Falileeva, L. Shakirova, M. Kinder	933
COMMUNICATION FOR EDUCATION S. Capogna	937
IMPROVING ACADEMIC PERFORMANCE THROUGH TUTORING: END-OF-DEGREE-PROJECT IN PUBLIC MANAGEMENT AND ADMINISTRATION DEGREE M. Pérez-Moneo, A. Collado, E. Pérez Muñoz, L. Medir, D. Montolio	943
MOOC UTILIZATION IN BLENDED LEARNING: PROSPECTS FOR THE FUTURE FROM THE PERSPECTIVE OF A SMALL UNIVERSITY UNIT P. Linna, K. Ahonen, J. Multisilta	952
ORGANISATION OF MOBILE LEARNING AT TOMSK STATE UNIVERSITY: STUDENTS' PERSPECTIVE	958
V. Serbin, G. Serbina, N. Zilberman, V. Zasedatel	0.44
THE INTERNET OF THINGS (IOT): AN EMPIRICAL STUDY OF INTERACTION BASED SYSTEM TO ENHANCE GAMIFICATION TECHNIQUES IN ELEARNING ENVIRONMENTS I. Bandara, F. Ioras	964
TEACHERS' FEATURES IN THE DEGREE OF BUILDING ENGINEERING AT THE UNIVERSITY OF ALICANTE R.T. Mora-García, V.R. Pérez-Sánchez, M.F. Céspedes-López, J.C. Pérez-Sánchez, B. Piedecausa-García	974
CHALLENGES IN INTRODUCING SERVICE-LEARNING: CAN INSTITUTIONAL RECOGNITION AND REWARDS PROMOTE INCLUSION OF SERVICE LEARNING PEDAGOGY IN HIGHER EDUCATION? V. Jani, D. Wilgers, J. Gleichsner, C. Rude	989
COLLABORATIVE LEARNING IN A MODEL OF HIGHER EDUCATION E. Alvarado Martínez, M. Cocca, M. Rodríguez Bulnes	999
INTERCULTURAL EDUCATIONAL PLATFORM AND PL2S CENTER FOR DEVELOPING TOLERANCE OF KRASNOYARSK REGION CITIZENS O. Smolyaninova	1005
"LEARNING IS MY JOURNEY" – SCAFFOLDING DIGITAL PERSONAL LEARNING ENVIRONMENTS IN A VOCATIONAL TEACHER EDUCATION CONTEXT A.M. Korhonen	1014
SOCIO-TECHNICAL SYSTEM DESIGN – AN INTERDISCIPLINARY SEMINAR FOR THE CONSTRUCTION OF SOCIO-TECHNICAL COMPETENCIES FOR THE INCREASING COMPLEXITY OF PRODUCTION SYSTEMS M. Löhrer, D. Kerpen, J. Lemm	1018
MATHEMATICAL AND DIGITAL LITERACY IN PROSPECTIVE MATHEMATICS TEACHERS TRAINING R. Dofková	1023
UNDERSTANDING QUALITY PERCEPTIONS IN HIGHER EDUCATION: A SYSTEMATIC REVIEW OF QUALITY VARIABLES AND FACTORS FOR LEARNER CENTRIC CURRICULA DESIGN E. Varouchas, M. Lytras, M.A. Sicilia	1029
MAP OF LIFELONG LEARNING IN SLOVAKIA J. Fabus, V. Fabusova, P. Kolarovszki, J. Tengler	1036
PROSPECTIVE MATHEMATICS TEACHERS' ABILITIES TO EXPLOIT COMPUTER ALGEBRA SYSTEMS R. Dofková, T. Zdráhal	1045
APPLICATION OF GAMIFICATION AND GAME-BASED LEARNING IN EDUCATION L. Herout	1048
INTELLIGENT ASSISTANCE SYSTEMS FOR A COMPETENCE-ENHANCING IN INDUSTRIAL TEXTILE WORK ENVIRONMENTS M. Löhrer, D. Kerpen, J. Lemm, M. Saggiomo, Y.S. Gloy	1054

USE OF THE INFORMATION AND COMMUNICATION TECHNOLOGIES WITH THE INTERNET ACCESS BY THE PUPILS OF ELEMENTARY SCHOOLS L. Herout	1057
LIFE-LONG LEARNING FOR THE ACADEMIC STAFF OF TECHNICAL DISCIPLINES I. Voloshina	1064
VALIDATION OF A SELF-ASSESSMENT TOOL TO MEASURE CRITICAL ANALYSIS COMPETENCY IN FIRST YEAR DENTISTRY STUDENTS I. Morales, M.V. Roqué, I. Segarra	1068
EXPLORING ATTITUDES TO ICT AMONGST PRE-SERVICE TEACHERS ON ENTRY ONTO A TEACHER EDUCATION PROGRAMME IN SPAIN O. McGarr, G. Gavaldon	1073
TIPS ON INTEGRATING INTERCULTURAL COMPETENCE SKILLS IN FOREIGN LANGUAGE TEACHING S. Zhabayeva	1083
QUALITY ASSURANCE IN DISTANCE EDUCATION: A CASE FROM ANADOLU UNIVERSITY E. Toprak, N. Şakar, S. Koçdar	1094
RECOGNISING CHARACTER DEVELOPMENT IN OUR LEARNING AUTOBIOGRAPHIES K. Duffy, D. Ross	1100
COLLABORATION THROUGH BLOGGING TO DEVELOP WRITING AND SPEAKING SKILLS IN ENGLISH FOR SPECIFIC PURPOSE (ESP) COURSES A. Kleanthous	1110
ANALYSIS OF PHYSICAL COMPUTING DEVICES FOR 2015 REVISED CURRICULUM IN KOREA S. Kim, K.S. Song	1119
A LEARNING-CENTERED FRAMEWORK FOR MULTI-PARTY TECHNOLOGY- RELATED RESEARCH PROJECTS K. Pihlainen, E. Kärnä, T. Koskela, M. Tukiainen	1126
QUALITY OF FACULTY LIFE BASED ON THE VIEWS OF EDUCATION FACULTY STUDENTS: THE ANADOLU UNIVERSITY EXAMPLE M. Gültekin, B. Yar Sevmiş, M. Güner, E. Yaşar	1133
ECONOMIC FEASIBILITY STUDY AND ENVIRONMENTAL IMPACT ASSESSMENT OF PHASE CHANGE MATERIALS INCORPORATION IN BUILDINGS A.M. Borreguero, E. Lacasa, C.M. Fernández, A.R. de la Osa, J. Llanos, M.L. Sánchez-Silva, A.L. Consuegra, M.J. Ramos	1134
FEED-FORWARD NEURAL NETWORKS: AN APPLICATION TO THE PREDICTION OF STUDENTS' PERFORMANCE G. Messineo, S. Vassallo	1141
SAVED BY MY ELECTRONIC DIARY!: HOW TO TRUST YOUR OWN DIARY AS YOUR PRIMARY DATA COLLECTION METHOD K. Duffy	1149
THE COOPERATION BETWEEN SCHOOLS AND PUPILS' PARENTS IN THE CONTEXT OF EDUCATIONAL LAW IN POLAND J. Kołodziejczyk, J. Kołodziejczyk	1158
EXERCISING CRITICAL THINKING THROUGH READING: AN EDUCATIONAL USE OF DIGITAL TEXTS F. Anello	1164
DEVELOPING AN ACADEMIC INSTITUTIONAL REPOSITORY. THE CASE OF THE OPEN UNIVERSITY OF CYPRUS C. Rodosthenous, P. Themistocleous, S. Mavrotheris, C. Christodoulides	1175
EXPLORING THE EFFECTS OF DISCUSSION AND TEXT PLANNING STRATEGIES TO ENHANCE AND ASSESS WRITTEN COMMUNICATION SKILLS F. Anello	1184
COMPETENCE TENDENCY OF AN INTERNATIONAL POSTGRADUATE IN INDUSTRIAL DESIGN F. Julian, A. Bikfalvi, M. Alcalà, X. Espinach	1194
STIMULATING PARENTS' INITIATIVE AS A CHALLENGE FOR CONTEMPORARY EDUCATIONAL LEADERS J. Kołodziejczyk	1203

MOTIVATION OF THE SCHOOL ADMINISTRATION IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM) EDUCATION G. Sart	1207
UTILITY AND SUBOPTIMAL ICT-BASED TEACHING IN BULGARIAN SCHOOLS: PREFERENCES BASED APPROACH V. Terzieva, Y. Pavlov, K. Todorova, R. Andreev, P. Kademova-Katzarova	1208
CASE STUDY: COMPETENCES IN THE LAST COURSE IN TECHNICAL CHEMICAL ENGINEERING AND SOME COMPANIES DEMAND M. Delgado-Aguilar, Q. Tarrés, M. Alcalà, P. Mutjé	1219
TEACHERS' ATTITUDES TOWARDS TECHNOLOGY RICH EDUCATION IN BULGARIA V. Terzieva, K. Todorova, P. Kademova-Katzarova, R. Andreev	1232
EMPLOYABILITY SKILLS OF RECENT GRADUATES: HIRING, MATCHING SKILLS AND JOBS, AND DIFFICULTIES FINDING A JOB IN PRE-ECONOMIC AND ECONOMIC CRISIS J.F. Martínez-Cerdá, J. Torrent-Sellens	1242
EXPERIENCED RISKS IN SOCIAL MEDIA USE - LONGITUDINAL STUDY AMONG UNIVERSITY STUDENTS J. Jussila, H. Aramo-Immonen	1255
TEACHING CURVILINEAR COORDINATES WITH GOOGLE EARTH A. Soares, P. Catarino	1261
DECISION MAKING PROCESSES OF THE SCHOOL ADMINISTRATIONS IN OPENING MAKERS' SPACES, LABS, AND STUDIOS G. Sart	1267
EFFECTS OF E-LEARNING ABOUT HAVING A WORK CONTRACT J.F. Martínez-Cerdá, J. Torrent-Sellens	1268
INTERACTIVE 3D ENVIRONMENT FOR CONDUCTING DEMONSTRATIONS AND TRAINING IN THE RECONSTRUCTION OF ARCHAEOLOGICAL OBJECTS T. Szymczyk, J. Montusiewicz, J. Kęsik	1278
USING SUPERLEARNING METHODOLOGIES TO IMPROVE STUDENTS' SATISFACTION AT THE UNIVERSITY M. Hernandez-Lopez, J. Mendoza-Jimenez	1288
INTEGRATED VIRTUAL CINETCAMPUS STUDIES ENVIRONMENT I. Hakala, T. Härmänmaa, S. Laine	1297
PORTFOLIO AS A LEARNING AND EVALUATION TOOL: UNIVERSITY STUDENTS' OPINIONS L. Ciascai, I. Zsoldos-Marchis	1307
PLANNING TEAMWORK USING BELBIN TEAM ROLES AT THE UNIVERSITY R. Serrano Urrea, J. Penabad Vázquez	1317
TEACHING LINEAR FUNCTION WITH MODELLUS IN A 7TH GRADE CLASS A. Gandra, A. Soares, P. Catarino, B. Fonseca	1320
PRACTICAL SESSIONS FOR THE SUBJECT 'IRRIGATION ENGINEERING' WITH LIMITED RESOURCES P. Martí, J. Cifre	1328
EFFECTIVENESS OF ACADEMIC ONLINE LEARNING ENVIRONMENTS: ENHANCED EXPERIENCE THROUGH LIVE INTERACTION J. Krive	1337
INTEGRATING INNOVATIVE AND INTERACTIVE ELEMENTS INTO LOGISTICS EDUCATION ON ECO-FRIENDLY TRANSPORT A. Haller, L.M. Putz, E. Jung	1342
THE SAFETY TRAINING IN THE MUNICIPALITY J. Svetlík, A. Veľas	1350
REDEFINING THE TEACHING METHODOLOGY OF THE TOPIC 'EVAPOTRANSPIRATION' IN THE DEGREE PROGRAMS OF AGRICULTURAL ENGINEERING P. Martí, J. Cifre	1356
USING A BLENDED LEARNING APPROACH IN TEACHING MATHEMATICS A.H. Bhatti, G.R. Laigo, H.M. Gebre Yohannes, L.K. Pulipaka	1366
INTRODUCTION TO MENDELIAN GENETICS IN PRIMARY SCHOOL E. Rossi, G. Santovito	1374

BLOGGING AS A VIRTUAL CO-LEARNING ENVIRONMENT IN THE INTERNATIONAL COURSE CONTEXT H. Aramo-Immonen, S. Ammirato, J. Jussila	1383
ASSESSING AND EVALUATING THE ENGLISH LANGUAGE SKILLS OF GRADE 10 ENGLISH FIRST ADDITIONAL LANGUAGE LEARNERS IN THE RURAL SECONDARY SCHOOLS OF LIMPOPO PROVINCE WITHIN CURRICULUM AND ASSESSMENT POLICY STATEMENT M. Makgoka, J. Singh	1392
THE MOCK ASSESSMENT CENTRE: A CROSS PROGRAMME STUDENT LED LEARNING EXPERIENCE L. Dean	1396
REVIEW OF EVALUATION SYSTEMS IN INDUSTRIAL ENGINEERING SUBJECTS BY MEANS OF STRATEGIC ANALYSIS TOOLS IN BURGOS UNIVERSITY C. Rodríguez-Amigo, T. García-Calderón, M.I. Dieste-Velasco, D. González-Peña, M. Díez-Mediavilla, C. Alonso-Tristán	1397
TEACHING METHODOLOGY FOR THE VALIDATION OF BERNOULLI'S LAW FOR THE TROMBONE D. Tarrazó-Serrano, S. Castiñeira-Ibáñez, C. Rubio, A. Uris	1405
AN INNOVATIVE DIDACTIC APPROACH TO THE STUDY OF INVERTEBRATE ANIMALS IN PRIMARY SCHOOL A. Gaiotto, G. Santovito	1410
PRE-SERVICE AND IN-SERVICE TEACHERS' PERCEIVED COMPETENCE IN ICT: INPUTS TO PROFESSIONAL ENHANCEMENT PROGRAM M. Balagtas	1419
DIGITAL LITERACY AND COMMUNICATION SKILLS FOR EDUCATIONAL RESOURCES I. Roxin, F. Tajariol, M.V. Rusitoru, F. Greffier	1429
USING MOLINSPIRATION AS A DIDACTIC COMPLEMENT INTO TEACHING SUBJECTS OF MEDICINAL CHEMISTRY C. Fonseca	1430
PRESCHOOL AND PRIMARY SCHOOL PEDAGOGY SPECIALIZATION STUDENTS' PROBLEM SOLVING STRATEGIES USED FOR PROBLEMS RELATED WITH DIVISORS AND MULTIPLES I. Zsoldos-Marchis	1433
TURKEY'S INTEGRATION WITH THE BOLOGNA PROCESS: ERASMUS EXPERIENCE OF ANADOLU UNIVERSITY E. Toprak, B.K. Özdemir, E. Gümüş	1440
KINAESTHETIC LEARNING STYLE IN MATHEMATICS S. Pechouckova, I. Kolovska	1441
THE IMPLEMENTATION OF INTERNATIONAL EDUCATIONAL PROGRAMMES AS A CONDITION FOR DEVELOPING POLYLINGUAL EDUCATIONAL BACKGROUND I. Slesarenko, M. Page, E. Frantcuzskaia, V. Golubeva	1450
THE RESULTS OF PROJECT "PARTNERSHIP IN THE FIELD OF CIVIL ENGINEERING AND ARCHITECTURE" AND THEIR APPLICATION INTO TEACHING P. Vlcek, K. Kubecka, D. Kubeckova	1455
INTACT – A PLATFORM FOR COLLABORATIVE ONLINE TEACHING AND LEARNING ACROSS CULTURE AND TECHNOLOGY A. Jokiaho, B. May	1461
UTILIZING LEARNING ANALYTICS FOR REAL-TIME IDENTIFICATION OF STUDENTS-AT-RISK ON AN INTRODUCTORY PROGRAMMING COURSE R. Lindén, T. Rajala, V. Karavirta, M.J. Laakso	1466
DESIGNING AND UTILIZING A COURSE POLL TOOL TO ENHANCE LECTURE ACTIVITY E. Kurvinen, J. Väätäjä, T. Rajala, T. Salakoski, M.J. Laakso	1474
NEW TEACHING METHOD FOR DEVELOPMENT OF SOUND QUALITY IN BRASS INSTRUMENTS PLAYERS - THE TROMBONE J.C. Esteve Rico, S. Castiñeira-Ibáñez, J. Vera Guarinos, C. Rubio Michavila	1481
ANALYZING TEACHER FEEDBACK FROM TECHNOLOGY-ENHANCED MATHEMATICS COURSES F. Kurninen, N. Helloren, P. Larsson, M. Lagleso, F. Sutinen	1491

EXTENDING LEARNING BEYOND CLASSROOM THROUGH PARENT EDUCATION VIA E-MAILS IN PRE-SCHOOL ENGLISH LANGUAGE EDUCATION P. Kahveci	1499
LINKS BETWEEN EDUCATION AND RESEARCH IN THE FIELD OF NATURAL BUILDING MATERIALS RESEARCH AT THE FACULTY OF CIVIL ENGINEERING OF VŠB TECHNICAL UNIVERSITY OF OSTRAVA J. Teslik, H. Hruba, M. Jasek, P. Vlcek	1506
INTEGRATING LEARNING AND WORKPLACE EXPERIENCES IN THE WELLOG (WELLBEING IN LOGISTICS CENTERS) PROJECT M.L. Kukkurainen, M. Laisi, U. Tuominen	1511
USING SMARTPHONES IN CLASSROOM LEARNING EXPERIENCES R. León, R. Igual Catalán, J.I. Laguna Andrés, C.L. Guerrero Luchtenberg, I. García-Magariño García, R. González Val	1518
RETRAINING PROGRAM FOR A HEMIPLEGIC INFANT WITH ATTENTION DEFICIT - HYPERACTIVITY DISORDER (ADHD) UTILISING DRAMATIC PLAY AND PUPPETS: CASE STUDY D. Sarris, I. Stergioulis, P. Papadimitropoulou	1524
SCIENCE CAFE AND MAKER CULTURE: AN EMERGENT TECHNOLOGY THEME DISCUSSED IN A TRANSVERSAL WAY C. Gomes França, D. Lorene Alves Ferreira Carvalho, R. Augusto da Silva Alves	1531
DYNAMIC WEB FOR MANAGEMENT TUTORIAL	1539
J.F. Ruiz-Ruiz, M.A. García-Muñoz, J. Jódar-Reyes, A. López-Moreno, C. Ordóñez-Cañada	1339
INCREASING THE QUALITY OF THE EDUCATIONAL PROCESS THROUGH IMPLEMENTATION OF PRACTICE REQUIREMENTS IN THE UNIVERSITY STUDY PROGRAM J. Štofková, Z. Štofková, S. Štofko	1548
HOW STUDENTS' PROGRAMMING PROCESS DIFFERS FROM EXPERTS – A CASE	1555
STUDY WITH A ROBOT PROGRAMMING EXERCISE E. Lokkila, T. Rajala, A. Veerasamy, P. Enges-Pyykönen, M.J. Laakso, T. Salakoski	1333
E-EXAM QUESTIONS AND MEANINGFUL LEARNING M. Maunula	1563
DIGITALLY ENHANCED SCHOOLS AND SERVICE-BASED LEARNING ECOSYSTEM E. Jeladze, K. Pata	1569
DEVELOPMENT OF A BLENDED LEARNING ENVIRONMENT AND A PRELIMINARY PERFORMANCE EVALUATION M. Oreggia	1579
THE USE OF MOODLE LESSONS IN TEACHING ORGANIC CHEMISTRY M.T. Rodríguez, M.J. Rojo, T. Torroba	1586
AN E-ASSESSMENT ANALYTICS FRAMEWORK FOR STEM IN HIGHER EDUCATION $M.A.\ Huertas$	1592
ASSESSMENT BY THE STUDENTS OF ACTIVITIES TO IMPROVE THE ACQUISITION OF COMPETENCES ON THE SUBJECT ORGANIC CHEMISTRY IN THE DEGREE IN CHEMISTRY	1601
M.T. Rodríguez, M.J. Rojo, T. Torroba	4.0-
DESIGN OF A FOUNDATION COURSE IN "TEACHING AND LEARNING IN DIGITAL ENVIRONMENTS" AS A MEANS TO IMPROVE CRITICAL SUCCESS FACTORS IN THE LAUREATE ONLINE EDUCATION INTERNATIONAL/UK PARTNERSHIP PROGRAMS D. Vlachopoulos, M. Gray	1607
PROBLEMS OF PROFESSIONAL MULTILINGUALISM AT UNIVERSITY AND THEIR SOLUTIONS K. Bulatbayeva, A. Bizhkenova, L. Sabitova, O. Kondratova	1608
APPLYING COACHING LITERATURE TO HIGHER EDUCATION: MAKING STUDENTS	1617
RESPONSIBLE FOR THEIR OWN LEARNING M. Caballer-Tarazona, C. Pardo-Garcia	1017
INTRODUCING PROGRAMMING TO ELEMENTARY STUDENTS NOVICES BY USING GAME DEVELOPMENT IN PYTHON AND SCRATCH M. Mladenović, D. Krpan, S. Mladenović	1622
STUDENTS' REFLECTIVE JOURNALS: HOW CAN WE IMPROVE STUDENT LEARNING? K.C. Moloi	1630
CHEMISTRY PRACTICES AIMED AT NON-UNIVERSITY LEVELS OF EDUCATION M.J. Rojo, M.T. Rodríguez, T. Torroba	1638

SIX SIGMA AS A QUALITY IMPROVEMENT TOOL FOR ACADEMIC PROGRAMS E.L. Cano, M. González-de-Lena, J.M. Moguerza, A. Redchuk	1644
THE ROLE OF SELF-DIRECTED LEARNING (SDL) MODEL ON ENTREPRENEURSHIP DEVELOPMENT FROM VIEWPOINT OF EDUCATORS IN APPLIED SCIENCE CENTERS S. Dehyouri, M. Behnam, S.J. Farajollah Hosseini	1653
COURSE DESIGN ORIENTED TOWARDS DEGREE OBJECTIVES IN HIGHER EDUCATION C. Casanueva, M. Altimira	1662
PLAN TO PROMOTE AUDIOVISUAL CREATION AND REFLECTION M. Martín-Nuñez, A. Rodríguez-Serrano, S. García-Catalán	1670
APPLYING SCRUM TO ORGANISE UNIVERSITY DEGREES COURSEWORK E.L. Cano, J. Garzás, J.M. Moguerza, N.N. Sánchez	1682
TOOLS FOR STUDENT ENGAGEMENT ON BLENDED LEARNING LANGUAGE COURSES AT UNIVERSITY OF APPLIED SCIENCES K. Korkealehto	1686
ARE YOU DESIGNING ONLINE TRAINING OR ONLINE INSTRUCTION – IS IT ADDIE OR DESIGNING BACKWARDS N. Hoke	1690
DEAF TEACHER STRATEGIES IN THE CLASSROOM N. Pérez Aguado, M.P. Fernández Viader	1691
LEARNING-BY-DOING: A PBL APPROACH TOWARDS THE TEACHING OF ELECTRONICS S. Tainta, R.A. Perez, J. Goicoechea	1702
EXPERIENCE IN TEACHING COMPUTER GRAPHICS USING A 3D HISTORICAL PROJECT OF THE CITY J. Kęsik	1707
BOOST FOR LANGUAGE LEARNING WITH IPADS K. Korkealehto	1714
INNOVATION CAMP IN HIGHER EDUCATION – ONE TOOL TO FACE CHALLENGES CONCERNING UNEMPLOYMENT BY PREPARING YOUNG PEOPLE FOR BUSINESS H. Hasleberg, S.T. Hagen	1717
DEVELOPMENT OF ONLINE TOOL FOR AFFINITY MAPPING S. Gupta, K. Patil, R. Panchal	1726
ON THE STUDENTS' QOS-AWARENESS OF VIDEO LECTURES I. Hakala, T. Härmänmaa, S. Laine	1736
IMPACT OF LEARNING PROCESS IN FASHION STUDENTS: LINK WITH INDUSTRY, SOCIAL MEDIA AND WEBSITES A. Marques	1743
ADAPTIVE, ACTIVE AND COLLABORATIVE LEARNING THROUGH BLENDED LEARNING G. Gallego	1750
DEVELOPING METHODS OF STUDENTS COUNSELING AND CAREER ORIENTATION A.S. Tecau, B. Tescasiu, D. Foris, T. Foris, O. Barbulescu	1761
CHILDREN WITH AUTISM PROVIDING A KNOWLEDGE BASE FOR EDUCATIONAL AND THERAPEUTIC PRODUCT DESIGN S. Merter, D. Hasirci	1771
DEVELOPING SMARTPHONE-BASED TECHNOLOGY TO PROVIDE A BROADER AND DEEPER TRAINING OF MEDICAL STUDENTS AND AN IMPROVED OUTPATIENT EXPERIENCE TO PATIENTS S. Boesch, R. Kamei	1782
THE USEFULNESS OF THE BLENDED-LEARNING METHOD IN THE OPINION OF FULL-TIME STUDENTS OF THE GDANSK UNIVERSITY A. Szadziewska, J. Kujawski	1792
BLENDED LEARNING EXPERIENCES FOR FUTURE SUCCESSFUL EMPLOYEES A.S. Tecau, S. Sumedrea, R. Albu, T. Suciu	1802
INTEGRATED LIVESTOCK PRACTICES AT THE UNIVERSITY RABBIT FARM M.L. García, M.J. Argente, A. Martí-De Olives, M.J. Navarro-Ríos, A. Martínez-Gabarrón, S. García-Martínez	1811
SURVEY DEVELOPMENT ON EXPERIENCES WITH E-LEARNING PRODUCTION BY LECTURERS	1815
G. Kugler, M. Stross, R. Kurz, N. Feldmann, A. Schiebelbein, C. Boehmer	

USING FLIPPED CLASSROOM IN BRIDGING THE GAP BETWEEN THEORY AND APPLICATION IN UNIVERSITY TEACHER TRAINING K. Dorum, M. Solberg	1821
THE INCLUSIVE APPROACH - A TREND IN THE TRANSFORMATION OF CZECH SCHOOLS D. Provázková Stolinská, M. Rašková, E. Šmelová	1827
THE FACTORS INFLUENCING STUDENTS' CHOICE OF OTHER THAN THE ACCA-ACCREDITED CURRICULA AT THE UNIVERSITY OF GDANSK A. Szadziewska, J. Kujawski	1833
EXPLORING APPROACHES TO EDUCATIONAL DATA MINING AND LEARNING ANALYTICS, TO MEASURE THE LEVEL OF ACQUISITION OF STUDENT'S LEARNING OUTCOME D. Buenaño Fernández, S. Luján-Mora	1845
DEVELOPING MOBILE APPS FOR IMPROVING THE ORIENTATION EXPERIENCE OF FIRST YEAR THIRD LEVEL STUDENTS N. Bermingham, M. Prendergast, T. Boland, M. O'Rawe, B. Ryan	1851
WHAT ABOUT ICT FOR STUDENTS WITH READING AND WRITING DIFFICULTIES? T. Mølster	1859
PROBLEMS IN COMMUNICATION ABOUT PUBERTY IN RELATIONS MOTHER - FATHER - TEACHER M. Rašková, D. Provázková Stolinská, E. Šmelová	1868
LOOKING THROUGH THE DIGITAL PORTFOLIOS OF TEACHERS AT DIFFERENT CAREER STAGES: LESSONS AND REASONS M. Ubiña, M. Balagtas	1874
USING E-LEARNING TO MOTIVATE AND ENCOURAGE LARGE GROUPS OF STUDENTS K. Ngwane	1884
AUGMENTED REALITY AS PEDAGOGIC INTERVENTION FOR ENHANCED SHAPES LEARNING FROM NATURAL ENVIRONMENT P. Raj	1892
SHORT PAUSES WHILE STUDYING CONSIDERED HARMFUL L. Leppänen, J. Leinonen, A. Vihavainen	1900
BARRIERS TO THE SUCCESSFUL DIGITAL TECHNOLOGIES IMPLEMENTATION IN PRIMARY MATHEMATICS EDUCATION M. Uhlířová	1905
EQUINO: A VIDEOGAME THAT COMPLEMENTS EQUINE-ASSISTED THERAPIES AND ACTIVITIES FOR PERSONS WITH DISABILITIES C. Queiruga, F.J. Díaz, T. Arce	1912
THE ROLE OF TECHNOLOGY IN A CONSTRUCTIVIST CLASSROOM Z.G. Baleni	1925
TEAM-BASED QUESTION ASKING AND FILTERING IN FLIPPED CLASSROOM ENVIRONMENTS C. Boesch, K. Steppe	1931
SOFT SKILLS TO INCREASE EMPLOYABILITY I. Pereira, R. Cadima, H. Menino, I. Araújo	1935
EDUCATING THE EDUCATORS LESSONS LEARNED BY MOVING TOWARDS OPEN, FREE AND SELF-PACED ONLINE RESOURCES IN HIGHER EDUCATION M. Stenersen, J. Larsen	1942
EVALUATION OF THE OUTCOME APPLICATION AND PRACTICAL THINKING IN LIFE SCIENCES C. Esteras, B. Picó, M.J. Díez, J. Cebolla-Cornejo, M. Ferriol, M. Leiva-Brondo, P. Lisón, M.P. López-	1946
Gresa, H. Merle, A.M. Pérez-de-Castro, R. Peiró E3-ELECTRONIC EDUCATION FOR ENGLISH: TOWARDS A KNOWLEDGE-BASED ECONOMY IN SAUDI ARABIA M. Almarwani	1952
ON-LINE RESOURCES ON INNOVATION EXPERIENCES ON TRANSVERSAL COMPETENCES FOR TEACHERS AND STUDENTS S. Calvet Sanz, H. Moreno Ramón, S. Ibáñez Asensio, A.I. Jiménez Belenguer, I. Guillén Guillamón, M. Cabedo Fabrés, A. Martínez García, M. Ferrando Bataller	1962
METHODS OF EFFECTIVE TEACHING WRITTEN COMMUNICATION E. Mahnung, A. Litzinov, E. Panicheva	1967

B-LEARNING EXPERIENCES ON THE MASTER DEGREE IN COMPUTING ENGINEERING IN ALBACETE B. Barba, E. Arias, M.C. Carrión, R. Casado, J.M. Puerta	1971
FLIPPING THE CLASSROOM – ONE SIZE FITS ALL(MOST)? B. Kolen	1978
POSSIBILITY OF MOTIVATING DIFFERENT TYPE OF PLAYERS IN GAMIFIED LEARNING ENVIRONMENTS S. Çağlar, S. Arkün Kocadere	1987
TARGETED GAMIFICATION TO ENCOURAGE AND MEASURE INTRINSICALLY MOTIVATED GAME-BASED LEARNING C. Boesch, S. Boesch	2000
TRANSVERSAL SKILLS AT THE UPV. A GLOBAL VISION BY GRIPAU I. Guillén Guillamón, S. Calvet Sanz, H. Moreno Ramón, S. Ibáñez Asensio, M. Cabedo Fabrés, A. Martínez García, M. Ferrando Bataller, A.I. Jiménez Belenguer	2005
THE EDUCATION PROCESS OF THE TEACHERS THAT HAVE STUDENTS WITH AUTISM B. Aliaj	2009
FACEBOOK IN THE ENGLISH LANGUAGE TEACHING PROCESS: A TEACHER'S PERSPECTIVE M. de Santiago Jiménez, C. Román Valdez	2015
THE EFFECTIVENESS OF WORK-INTEGRATED LEARNING IN SOUTH AFRICAN UNIVERSITIES OF TECHNOLOGY: A CASE STUDY OF DURBAN UNIVERSITY OF TECHNOLOGY K. Ngwane	2019
PROTOCREA: A ROBOT TO TEACH THEM ALL F. R. Cañadillas, R. Pérula-Martínez, V. González, M. A. Salichs, C. Balaguer	2028
THE USE OF COMPUTER TERMINOLOGY IN SPANISH COMPLIMENTS (PIROPOS INFORMATICOS) E. Zvereva, K. Chilingaryan	2036
AN APPROACH TO ENHANCE INTEGRATED TEACHING SKILLS USING ICT FOR PROFESSIONAL TEACHERS IN THAILAND S. Autthawuttikul, P. Koraneekit, S. Insa-Ard	2041
A CREATIVE APPROACH IN ASSIGNMENTS DESIGN, OR HOW THE "NEMOALA" WAS BORN T. Zafirova-Malcheva	2048
HOW TO DEVELOP COGNITIVE STRATEGIES IN CLASS M.L. Boninelli	2058
RESEARCH AND TEACHING LABORATORY DEDICATED TO BRAIN-COMPUTER INTERFACE DESIGNING M. Plechawska-Wójcik, P. Suszyna	2075
APPLIED TECHNOLOGY IN EDUCATION: PARAMETRIC DESIGN TO FOSTER IDENTITARIAN STRATEGIES M.J. Guillermo-Echeverría, J. Álvarez-Arellano, H. Alvarado-Vigil, K.E. Martínez-Torres	2085
PERLEDICREATIVITÀ: A DIGITAL ARTEFACT AND STORYTELLING PROJECT FOR THE PERLE PLATFORM M. Cronin	2091
STRATEGIES, DEVELOPMENT AND IMPLEMENTATION OF VPL - PRACTICES IN SIBERIAN FEDERAL UNIVERSITY: MULTICULTURAL CONTEXT O. Smolyaninova, E. Bezyzvestnykh	2098
EVALUATION AND TEACHERS' TRACKING TOOL AS A QUALITY ELEMENT OF ONLINE POSTGRADUATE STUDIES AT THE POLYTECHNIC UNIVERSITY OF AGUASCALIENTES C. Román Valdez, S.C. Garibo Esquivel, M. de Santiago Jiménez	2105
IMPROVING BASIC PHYSICS LAB EXPERIMENTS WITH TWO WAY COMPUTER-INSTRUMENTS COMMUNICATION J.M. Muñoz, C. Torres, O. Alejos, L. Costilla, P. Hernández-Gómez, A. Grande	2113
INFORMATION MODEL OF E-PORTFOLIO B. Pozdneev, F. Busina, M. Sutyagin, A. Levchenko, V. Tikhomirova	2118
MULTIMEDIA AS A SUPPORT FOR INTERACTIVE LEARNING PROCESSES P. Kolarovszki, Z. Kolarovszka, L. Madlenakova	2126

DEVELOPING EMPATHY FOR THE OTHER: THE USE OF BLOGS AND PHOTO ESSAYS IN INTERNATIONALLY COLLABORATIVE ONLINE LEARNING PROJECTS S. Whitehead, K. Van Zeeland	2134
A VIRTUAL BENCH TO EXPLAIN GEOMETRIC OPTICS USING MATLAB GUIDE ENVIRONMENT	2135
A.I. Gómez-Varela, F.S. Vara, N. Barreira Rodríguez, M. Ortega Hortas, J. Novo Buján, M.G. Penedo, M.T. Flores-Arias, C. Bao-Varela	
EXPLORING THE ROLE OF GAMIFICATION WITHIN STEM TEACHING AS A MECHANISM TO PROMOTE STUDENT ENGAGEMENT, DEVELOP SKILLS AND ULTIMATELY IMPROVE LEARNING OUTCOMES FOR ALL TYPES OF STUDENTS J. Playfoot	2140
EXPLORING THE POTENTIAL OF SIMULATIONS AS PREPARATION TOOLS FOR UNIVERSITY LABORATORY CLASSES S. Verstege, J. van der Kolk, J. Diederen, R. Hartog, H. Gruppen	2148
THE INFLUENCE OF STUDENT'S COGNITIVE STYLE ON THEIR MATHEMATICS ACHIEVEMENT AMONG PRIMARY SCHOOL STUDENTS IN MALAYSIA R. Jantan, A. Redza, M.F. Siti Fathimah	2155
QUALITY ASSURANCE OF ELECTRICAL ENGINEERING PROGRAM ADAPTED FOR VOCATIONAL STUDENTS S.T. Hagen	2162
OPEN ACCESS PHYSICS VIDEO DEMONSTRATIONS A. Grande, V. Alonso, D. Velasco, I. Barba, A. Cabeceira, J. Represa, L. Costilla, J. Pereda	2172
MULTICULTURAL EDUCATION AT A PRIVATE MEXICAN UNIVERSITY: CREATING SIGNIFICANT COURSE CONTENTS FOR INTERNATIONAL PROGRAMS C.M. Montaudon Tomas, J.C. Botello	2177
TEACHING-LEARNING MODEL BASED ON THE DESIGN OF DIDACTIC EQUIPMENT FOR LABORATORY PRACTICES IN ENGINEERING SCHOOLS J. Ballesteros, D. Rodriguez, L. Sanchez, F. Castillo, I. Payo	2186
EXPLORING STUDENT INTERACTIONS THROUGH CLASSROOM AND COMPUTER SUPPORTED COLLABORATIVE LEARNING P. Somaratne, T. Weerasinghe	2194
APPS FOR EDUCATION: DEVELOPMENT OF A VIRTUAL ROLE-PLAY SIMULATION APP FOR ACADEMIC TEACHERS AND STUDENTS M. Alloghani, D. Al-Jumeily, A. Hussain	2201
EDUCATING PROFESSIONAL COLLABORATION COMPETENCIES USING GOOGLE TOOLS G. Winterfeldt, R. Studt	2202
DEVELOPING PROFESSIONAL IDENTITY THROUGH PRE-SERVICE TEACHERS EXPERIENCES C. Magaña Figueroa, E. Flores	2208
AR-BASED TECHNOSELF ENHANCED LEARNING APPROACH TO IMPROVING STUDENT ENGAGEMENT L. Jin, W. Huang, Z. Wen	2213
A LITERATURE REVIEW OF THE INSTITUTIONAL CHARACTERISTICS REQUIRED FOR IMPLEMENTING E-LEARNING IN HIGHER EDUCATION D.M. Cardona-Román, J.M. Sánchez-Torres	2219
COCCIBOT: TRANSFORMING THE MBOT PEDAGOGICAL ROBOT TO BE USED FROM KINDERGARTEN TO SECONDARY SCHOOL A. Messaoud, M. Romero	2232
HOW AND WHY STUDENTS CHEAT? THE ROLE OF TECHNOLOGY IN ACADEMIC DISHONESTY AND THE PENALTIES FOR CONDUCTING ACADEMIC DISHONESTY A. Friedman, I. Blau, Y. Eshet-Alkalai	2239
DEVELOPING PROFESSIONAL IDENTITY IN SOCIAL WORK STUDENTS IN SOCIAL MEDIA ENVIRONMENTS S. Miller	2241
LOUDER THAN WORDS: GAMES BASED LANGUAGE TEACHING CHALLENGES FOR BILINGUALS S. Juzeleniene, R. Baranauskiene	2251
EVALUATING THE IMPACT OF GAMIFICATION AND LEARNING THOUGH AN APP IN AUTHENTIC LEARNING ENVIRONMENTS $N.K.\ Koh$	2259

RESEARCHING EDUCATIONAL FUNCTIONALITY OF 3D VIRTUAL ENVIRONMENTS – METHODOLOGY AND PRACTICE P. Topol	2260
SURVEY OF MULTI-AGENT BASED SOLUTIONS FOR COLLABORATIVE E-LEARNING AND NEW GENERIC E-PEDAGOGY BASED ARCHITECTURE PROPOSAL A. Samadi, M. Qbadou, M. Youssfi, F. Akif	2261
BUSINESS MODELS FOR MOOCS C.H. Aydin	2270
UTILISING TECHNOLOGY IN THE ASSESSMENT OF COLLABORATION: A CRITIQUE OF PISA'S COLLABORATIVE PROBLEM SOLVING TASKS S. Shaw, S. Child	2275
EDUCATIONAL PROJECT "KHIMONYA" AS ONE OF THE COMPONENTS OF THE REGIONAL SYSTEM OF EXTRACURRICULAR WORK IN CHEMISTRY D. Isaev, A. Sobolev	2284
DYNAMIC LEARNING AND DEVELOPMENT OF SKILLS IN THE COURSE OF SYSTEMS AND SIGNALS G. Mata Hernández	2290
SUCCESS OPTIONS ALTERNATIVE TO THE CENTRALISED EDUCATION SYSTEM M.V. Bedrule-Grigoruta, L.M. Pintilie	2298
METAMORPHOSIS – INTERIOR SPACE TRANSFORMATION IN DESIGN PRACTICE AND RESEARCH K. Roslon	2308
A NEW APPROACH FOR ENGLISH TEACHER'S RETRAINING PROGRAM IN VIETNAM L. Le, T. Nguyen, H. Nguyen	2314
DEVELOPING A TEACHING METHODOLOGY TO INCREASE PEOPLE'S AWARENESS ABOUT SUSTAINABLE BEHAVIOR, AS PART OF AN ANIMATION COURSE D. Chudasri	2325
APPLYING QUALITY FUNCTION DEPLOYMENT IN DESIGNING EDUCATIONAL GAME Y. Wang, A. Gulozer, A. Matos, B. Turunç, Ø. Samnøen, Z. Brotánková, M. Kirkar, Y. Konnaris, M.E.G. Badillo	2334
NEOLOGISMS IN BUSINESS DISCOURSE OF A FOREIGN LANGUAGE: TEACHING METHODS AND STRATEGIES (BASED ON THE ITALIAN AND FRENCH MATERIAL) M. Yashina, N. Poliakova, S. Popova, E. Kuznetsova	2340
PREDICTING STUDENTS' APPROACHES TO LEARNING BASED ON MOODLE LOGS G. Akçapınar	2347
PERFORMANCE FEATURES OF SPECIALIZED VOCABULARY IN THE LANGUAGE OF MODERN MASS MEDIA (BASED ON THE FRENCH AND ITALIAN MATERIAL) N. Poliakova, M. Yashina, R. Bagautdinova, L. Zvereva	2353
DEVELOPMENT OF ORGANIZATIONAL LINGUISTICS Y. Berezovskaya	2358
40 YEARS AFTER WATERGATE: TEACHING BUSINESS AND LEADERSHIP ETHICS: BEST PRACTICES C. Ruggieri	2364
INNOVATIVE TECHNOLOGIES IN BIOENGINEERING RESEARCH AND EDUCATION: CHALLENGES, SOLUTIONS, AND FUTURE DIRECTIONS G.G. Andruseac, G. Boldureanu, C. Rotariu, I. Adochiei, D. Boldureanu	2370
EDUCATION FOR SOCIAL INNOVATION. FAL MODEL AND TRANSFER OF BEST PRACTICES A. Matei, C. Savulescu, C.G. Antonovici	2378
EVIVE – AN EUROPEAN PROJECT FOR EUROPEAN VALUES IN THE VOCATIONAL EDUCATION E.L. Mara	2386
THE ROLE OF SELF-OBSERVATION IN INITIAL FOREIGN LANGUAGE TEACHER EDUCATION S. Čurković Kalebić	2391
AN IOT DEVICE TO PROMOTE ACTIVE LEARNING IN COMPUTER AND SUSTAINABILITY CLASSES Y. Olivatti R. Maja	2400

TEACHING AND LEARNING ROMANIAN, GAGAUZ AND RUSSIAN IN UTA GAGAUZIA, REPUBLIC OF MOLDOVA. A MULTILINGUAL COMPETITION G.A. Necula	2407
THE COLLABORATIVE DEVELOPMENT OF A POOL OF BUSINESS-TECHNICAL STUDY-CASES: THE CASE-BASED LEARNING METHOD FOR A MULTIDISCIPLINARY PROBLEM-SOLVING S. Scarpellini, E. Llera-Sastresa, M. Marco-Fondevila, R. Ortega-Lapiedra, M.P. Portillo-Tarragona, M.	2411
Rueda Tomás, I. Zabalza-Bribián, J.A. Andrés Lacasta, A. Aranda-Usón, J.A. Aranda, E. Bernal-Cuenca, C. Ferrer García	
SUPPORT SEMINARS FOR CORE SUBJECTS IN THE FACULTY OF PHARMACY OF THE UNIVERSITY OF GRANADA: "TUTORGRADOS"	2419
J.M. Paredes, F. Castello, R. Navarrete-Casas, P. Bouzas, M.I. Martínez-Puentedura, M.J. Muñoz Alférez	
INFORMATION COMMUNICATIONS TECHNOLOGY'S COMPETENCIES BY THE LIMPOPO'S SCHOOL PRINCIPALS: EVALUATION STUDY OF SCHOOL LEADERSHIP AND DEVELOPMENT PROGRAMME IN SOUTH AFRICA K. Thaba, D. Thobejane	2425
ACTIVE LEARNING AND CONTINUOUS ASSESSMENT WITH MOODLE IN A MATHEMATICS COURSE J. Medina-Moreno, M.J. Gómez-Bellido, M. Villegas-Vallecillos	2430
CHALLENGES FOR NEW ACADEMIC RESEARCHERS: CASE STUDY	2420
S. Juzeleniene, S. Petroniene	2438
MUTATING UNIVERSITY IN QUÉBEC – A SYSTEM EFFECT CONDITIONED BY FINANCING REGULATIONS M. Maltais	2444
USING SHORT MESSAGE SERVICE (SMS) FOR PROVIDING PEDAGOGICAL SUPPORT TO DISTANCE LEARNERS C.H. Aydin, Y. Kavruk	2445
ANALYSING COOPERATION IN HIGHER EDUCATION BY USING TWO DIFFERENT PUBLIC POLICY FRAMEWORKS M. Maltais, J.F. Conroy	2446
PRELIMINARY ANALYSIS OF EDUCATIONAL SOFTWARE FOR PEOPLE WITH MODERATE INTELLECTUAL DISABILITIES A. Larco, S. Luján-Mora	2452
TRAINING AND DEVELOPMENT AS TOOLS FOR EMPLOYEE PERFORMANCE IN HIGHER LEARNING INSTITUTIONS IN LAGOS STATE, NIGERIA A. Adebayo, I. Touray	2459
DOES THE TRANSMISSION OF INFORMATION BETWEEN STUDENTS HAVE ANY INFLUENCE IN AN OSCE EXAM ON CONSECUTIVE DAYS? M.A. Pino Vázquez, H. González García, E. Urbaneja Rodríguez, R. Garrote Molpeceres, B. Izquierdo López, A. Pérez España, M. Miñambres Rodríguez, M.B. Coco Martín, A. Mayo Iscar, R. Cuadrado	2469
Asensio, C. Medina Pérez, F.J. Álvarez Guisasola	
EDUCATION FOR GLOBALIZATION: CULTURAL DIVERSITY AND MULTILINGUALISM	2478
B.C. Marro Roig, I. Mosquera Gende, P. Gómez Lorenzo	
MULTIDISCIPLINARY TEACHING TEAM OF THE FACULTY OF PHARMACY OF THE UNIVERSITY OF GRANADA POSITIVE FEEDBACK BETWEEN BEGINNER AND EXPERIMENTED PROFESSORS M.J. Sáez, J. Díaz-Castro, J.A. Rufián-Henares, A. Orte, O. Cruz-López, I. López-Aliaga, M. López-Viota, J.M. Paredes, F. Castello, E. Planells, T. Nestares, M. López-Frías, A. Varela, C. Chaves, C. De	2486
Teresa, B. Juarez, M.J. Ruedas, C. Cabrera, C. Sánchez, J. Molina, M.J. Muñoz Alférez	
POSSIBILITIES FOR COMMERCIAL APPLICATION OF E-LEARNING PLATFORM BASED ON INTERNET MARKETING TOOLS C. Graul	2492
EMIRATISATION IN EDUCATION: THE WAY FORWARD FOR THE CLASSROOM ASSISTANTS INITIATIVE G. Faure-Bryan, J. Butler	2501
TEACHING-LEARNING SIMULATION: A SUPPORT TO WRITTEN ASSESSMENT OF PHYSICS J.M. Bergues	2502
INTEGRATION OF EDUCATION AND INDUSTRY FOR IMPROVING THE QUALITY OF	2508
ICT SPECIALISTS TRAINING IN KAZAKHSTAN R. Uskenbayeva, A. Aitmagambetov, N. Duzbayev, Y. Daineko, A. Mishina, M. Ipalakova	

TEAMWORK COHESION AND FINAL PERFORMANCE IN EDUCATIONAL CONTEXTS C. de Pablos Heredero, J.L. Montes-Botella, A. García-Martínez	2513
EVALUATION OF LEGITIMACY OF TEACHING AND QUALITY OF STUDENTS EDUCATION IN THE AREA OF ERP SYSTEMS APPLICATION D. Zwierzchowski, C. Graul	2517
PERSONALISING ENGLISH ACQUISITION THROUGH MOBILE LEARNING I. Mosquera Gende, A. Conde del Río	2524
EVALUATING WEBSITE APPEARANCE AND USABILITY EFFECTS ON HAPPINESS IN THE CLASSROOM: A COMPARATIVE ANALYSIS IN THREE COUNTRIES L.M. Cerdá Suárez	2534
RELATION BETWEEN STUDY HABITS AND ICT J. Zambrano, J. Hincapie, G. Londono, K. Presiga, Y. Rincon	2544
INTAKE CAPACITY ISSUES IN NIGERIAN UNIVERSITIES: THE WAYS FORWARD S. Nicholas Omoregbe, I. Chiazor, T. Iruonagbe, T. George	2551
AN INFORMATION AND COMMUNICATIONS TECHNOLOGY NETWORK IN RURAL SCHOOLS IN SOUTH AFRICA M. Mihai	2557
BRING YOUR OWN DEVICE TO A CLASSROOM: CHALLENGES FOR TEACHERS AND STUDENTS	2566
T. Väljataga, T. Jesmin, A. Ruiz Calleja, L. Kesa, U. Ülle Juuse-Tumak	
MEASURING STUDENTS' CULTURAL INTELLIGENCE: THE CASE OF BUDAPEST BUSINESS SCHOOL, HUNGARY K. Falk-Bano, K. Kollath	2572
EDUCATIONAL RESPONSES TO SOCIAL INJUSTICE IN THE DIGITAL AGE P. Dougherty, J. Angwin, J. Butler	2582
THE COMPLEMENTARY OF INTANGIBLE RESOURCES AND THE CREATION OF EDUCATIONAL CAPABILITIES AT UNIVERSITY C. de Pablos Heredero, M.C. Gallego-Sánchez, J.A. Medina-Merodio	2583
AN INNOVATIVE AND COLLABORATIVE COMMUNITY COLLEGE AND HIGH SCHOOL ALGEBRA PROJECT: CONTEXTUALIZING MATH AND APPLIED ALGEBRA 1 & 11 S. St. Clair, D. Gardner	2590
SIGU QUESTIONNAIRE: A TOOL TO ANALYZE THE PERCEPTION OF STUDENTS OF	2603
A DL SPECIALIZATION COURSE D. de Castro e Lima Baesse, A.M. Monteiro Grisolia, A.E. Figueiredo de Oliveira, D.J. Lins Rabêlo	2003
Júnior, A. Malheiros Oliveira Rabelo, C. Santos de Castro e Lima, A.M. Lima Almeida	
REFLECTIONS ON FLIPPING THE CLASSES IN BUSINESS ADMINISTRATION AND MANAGEMENT COURSES L. Klimplová	2609
THE ARCHITECTURE FIRST METHODOLOGY AND ITS USING R. Pecinovsky, J. Pavlickova	2619
ENGINEERING OF INTERNAL SECURITY SYSTEMS - THE NEW ENGINEERING CURRICULUM AS A RESPONSE TO CONTEMPORARY CHALLENGES E. Miłosz, M. Juszczyk	2625
NARRATIVE IMAGINATION: 150 STUDENTS WORKING IN THE CONSTRUCTION OF PEACE CULTURES D.E. Garcia-Gonzalez, J. Camargo, I. Cepeda	2630
FOSTERING INTERNATIONALIZATION AT HOME THROUGH NON-FORMAL LEARNING A. Atabekova	2638
IS IT NECESSARY MORE PRACTICAL TRAINING IN THE DEGREE OF MEDICINE? M.A. Pino Vázquez, H. González García, E. Urbaneja Rodríguez, R. Garrote Molpeceres, B. Izquierdo López, V. Fernández Provencio, S. Rodríguez Bodero, M.B. Coco Martín, A. Mayo Iscar, R. Cuadrado Asensio, C. Medina Pérez, F.J. Álvarez Guisasola	2643
PROFILE OF GENERAL SKILLS OF MBA STUDENTS IN NICARAGUA (CENTRAL AMERICA) E.J. Morales-Fernandez, T.M. Zambrana-Almendarez, M.S. Castro-Freire	2652
	2667
MENTAL ROTATION AND MATHEMATICAL ABILITIES. EFFECT OF PHYSICAL EDUCATION P. Fargier, O. Bal. R. Massarelli	2667

DEVELOPING THE COMPETENCE PORTFOLIO FOR OPEN INNOVATION: ISSUES FOR EDUCATIONAL MANAGEMENT B. Janiunaite, M. Petraite	2675
SERIOUS GAME IN QUIZ STYLE ABOUT JUDICIALIZATION OF HEALTH C. Tavares de Oliveira, D. Vianna Araújo, P.R. Volpato Dias, A.E. Figueiredo de Oliveira, M. de Figueiredo Lopes e Maia, M.M. Pereira Rendeiro	2684
INTERNATIONAL EDUCATIONAL DEVELOPMENT CO-OPERATION IN CRISIS SITUATIONS: AN OPPORTUNITY FOR CHANGE OR AN OBSTACLE TO SUSTAINABILITY? C. Borer, W. Weidinger Meister	2692
LEAN THINKING, FROM CAR INDUSTRY TO HIGHER EDUCATION INSTITUTIONS' CLASSROOMS E. Hazé, D. Garzón, E. Garcia	2703
COMPARISON FROM THE LEVELS OF ACCESSIBILITY ON LMS PLATFORMS THAT SUPPORTS THE ONLINE LEARNING SYSTEM T. Acosta, S. Luján-Mora	2704
FACTORS ASSOCIATED WITH PSYCHOLOGICAL - SOCIAL EFFECT OF INTERNET AND MOBILE PHONES ON THE STUDENTS B. Faghiharam, M. Zargham	2712
USING AN ONLINE BRAINSTORMING TOOL IN CASE-BASED COMPUTER ETHICS EDUCATION S.B. Kert, M. Köşkeroğlu Büyükimdat	2721
TEACHING METHODOLOGY OF TRANSVERSE SKILLS TO PROMOTE STUDENT EXCELLENCE A. Martínez García, M. Cabedo Fabrés, M. Ferrando Bataller, S. Calvet Sanz, H. Moreno Ramón, S.	2722
Ibáñez Asensio, A.I. Jiménez Belenguer, I. Guillén Guillamón CAPACITY BUILDING IN NEW UNIVERSITIES OF THE STATE OF MEXICO J. Solleiro, N. Solís	2731
COMMUNICATING CULTURAL CONCEPTS THROUGH VIRTUAL REALITY P. Morris, G. Takahashi, S. Iseminger	2740
E-CUIDASALUD: ADMINISTRATIVE AND TEACHING MANAGEMENT WEB APPLICATION FOR NURSING PRACTICUM SUBJECTS C. Carnicer Fuentes, C. Castro Yuste, J.M. Martínez Nieto, P. Iglesias García de Lomas, D. Abeijón Durán, G. Aburruzaga García, A. García Domínguez, J.T. Tocino García, I. Medina Bulo, M.J. García Cabanillas, O. Paloma Castro, M.C. Paublete Herrera, M.J. Rodríguez Cornejo, J.J. Fernández Alba, L.J. Moreno Corral	2749
HISTORY OF PROCESSING PLASTICS: CALENDERING C.A. Rius-Alonso, Y. González-Quezada	2755
THE EFFECT OF INTRODUCING STRATEGY MAP AS A LEARNING TOOL ON STUDENT ENGAGEMENT A. Farías, A. Nuñez, A. Solís	2761
ORGANIZATIONAL ASPECTS OF UNIVERSITY-INDUSTRY COLLABORATION P. Tumbas, P. Matkovic, M. Maric, V. Pavlicevic	2769
MOOCS IN SOUTH AFRICA: CHALLENGES AND RESULTS FROM A COUNTRY-WIDE SURVEY L. Dalvit, S. Gumbo	2777
A SINGLE VARIABLE CALCULUS' VIRTUAL LAB M.G. Caligaris, M.E. Schivo, G.B. Rodríguez, M.R. Romiti	2787
STUDENTS PERFORMANCE ON READINGS TESTS: THE EFFECT OF INTRODUCING PEER LEARNING A. Farías, F. Coronado, B. Hasbún	2794
ANALYTIC GEOMETRY WITH GEOGEBRA M.G. Caligaris, M.E. Schivo, M.R. Romiti, M.S. Menchise	2801
PREPARING AND PROVIDING TRAINING SESSIONS FOR THE STUDENTS OF POWER ENGINEERING DEPARTMENT USING THE OPERATOR TRAINING SIMULATOR N. Batseva, N. Fix, A. Mitrofanov, G. Petrova	2808
THE EXPERIENCE OF FLIPPED CLASSROOM IN HIGHER EDUCATION. A CASE STUDY IN THE UNIVERSITY OF GRANADA P. Ibáñez-Cubillas, V.M. Gámiz-Sánchez, M.J. Gallego-Arrufat	2816

FACTORS TO CONSIDER WHEN IMPLEMENTING THE FLIPPED CLASSROOM MODEL	2825
L.M. López-González, L.M. López-Ochoa, C. García-Lozano, J. Las-Heras-Casas	
TOWARDS AN OPEN LEARNING ECOSYSTEM BASED ON OPEN ACCESS REPOSITORIES, CURRICULA-BASED INDICES AND LEARNING MANAGEMENT SYSTEMS	2826
R. Fernández Flores, B. Hernández-Morales	
USING DEMONSTRATION TO DESIGN CREATIVE PRODUCTS FOCUSED ON FOLK TRADITIONS P. Simbartl, J. Honzíková	2832
EVALUATING SECOND LANGUAGE ORAL SKILLS IN AN ON-LINE VIDEOCONFERENCING ENVIRONMENT N. Gettliffe, O. Erkat	2838
LEARNING ON THE COUCH A. Vieira de Castro, L. Oliveira, P. Peres	2846
THE CITY – A CLASSROOM GAME FOR URBAN STUDIES K. Mazur-Belzyt	2856
DEVELOPING SKILLS FOR SPACE ORGANIZATION OF PACKAGED PRODUCTS IN ORDER TO BE TRANSPORTED L.G. Popescu, P.D. Brindasu	2865
IMPLEMENTING WEB DIGITAL ANNOTATION FOR GLOBAL STEM EDUCATION AND COLLABORATION J. Dean, M.E. Martone, E.E. Serrano	2871
RISK MANAGEMENT IN STUDY ABROAD: CULTURAL ASPECTS Z. Sagyndykova, K. Amoratis	2878
TAXONOMIES OF SPREADSHEET ERRORS AS CONTENT OF SPREADSHEET RELATED COURSES M. Sakal, L. Rakovic, P. Tumbas	2882
THE FLIPPED LAB: REIMAGINING SCIENCE EDUCATION WITH NEXT-GENERATION VIRTUAL LABORATORIES M. Fakhri, P. Kalff	2890
POLLUTION IN MEXICO CITY. PROBLEM AND SOLUTIONS. STUDENT APPROACH C.A. Rius-Alonso, Y. González-Quezada	2891
END USER SOFTWARE ENGINEERING M. Sakal, L. Rakovic, V. Vukovic	2897
COMPARING LEARNING TO TEACH OF STUDENT TEACHERS FROM DIFFERENT LEARNING ENVIRONMENT K. Juklova	2903
LEVERAGING TACIT KNOWLEDGE TRANSFER WITHIN ONLINE LEARNING SYSTEMS WITH THE USE OF KNOWLEDGE OBJECTS: A CONCEPTUAL FRAMEWORK A.L. Ketcha Djiffouet, J. Johannesson, P. Bocij	2911
FLIPPED LEARNING AS ALTERNATIVE PEDAGOGICAL APPROACH TO TRAINING OF GRADUATE STUDENTS: ADVANTAGES AND DISADVANTAGES O. Fedotova, V. Latun	2919
BUSINESS SOFTWARE TESTING – SYLLABUS FOR HIGHER EDUCATION V. Vukovic, P. Matkovic, M. Sakal, V. Pavlicevic	2926
THE STUDENT, THE PROFESSOR AND THE PLAYER: USAGE FOR GAMIFICATION AND SERIOUS GAMES IN ACADEMIC EDUCATION – A SURVEY M. Laskowski, M. Borys	2933
STUDY OF ELECTROMAGNETIC SPECTRUM FROM A FOCUS SCIENCE, TECHNOLOGY AND SOCIETY D. Moreno, V. Pascual, A. Palacios, V.M. Piñeros Caipa	2942
IMPLEMENTATION OF AN ACADEMIC INNOVATION PROJECT IN A BIOMEDICAL SCIENCE COURSE P. Maigne de Corta, S. Akal, I. Algue de Corta Cardoco, P. Napoli	2948
P. Moiana da Costa, S. Akel, L. Alves da Costa Cardoso, R. Napoli LEARNING AS CHOICE: INTERACTIVE DYNAMIC DECISION-MAKING	2958
S. Dugal, P. Iturralde, H. Stamp, O. Abd El Aziz, N. Amodeo, Z. Arnold, A. Davis, R. Doorley, A. Dyer, D. Guglielmo, M. Hagan, A. Hayes, L. Hupal, J. Iannone, E. Jacobs, S. Kaiser, T. Kuehlke, J. Labe, A. Laprise, C. Lomolino, S. Rann, B. Ryan, M. Santagata, M. Sluby, Y. Vajifdar	2936

MEASURES TO IMPROVE PRE-SERVICE TEACHER TRAINING: THE OPINION OF ACADEMIC STAFF	2963
J. Sureda-Negre, R. Comas-Forgas, P. Mayrata-Pou, A. Calvo-Sastre	
APPLICATION OF PHET INTERACTIVE SIMULATIONS AS A TOOL FOR LEARNING HEALTHY LIFESTYLES IN HIGH SCHOOL STUDENTS V. Pascual, D. Moreno, A. Palacios	2964
CHOOSING SOURCES FOR TRANSLATION TO SUPPORT HUMAN RIGHTS: QUALITY AND COMPETENCE ISSUES A. Atabekova	2972
THE ADVANTAGES OF FLIPPED LEARNING MODEL: AN OPPORTUNITY TO INTEGRATE TECHNOLOGY IN CHILDREN'S LITERATURE E. Gulbay, A. La Marca, L. Longo	2978
CAREER AND LANGUAGE TRAINING OF THE CZECH MINISTRY OF DEFENCE SECTOR OFFICERS FROM THE ECONOMIC EFFECTIVENESS POINT OF VIEW A. Adámková, J. Boulaouad	2986
COMPARING BLENDED LEARNING AND TRADITIONAL TRAINING IN ANATOMY TEACHING S. Moreira Akel, P. Moiana da Costa	2999
DEVELOPMENT OF MULTILITERACIES AND USE OF AFFORDANCES ON WHATSAPP – A BRAZILIAN EXPERIENCE OF PRODUCING A PERSONAL PROFILE IN ENGLISH IN AUDIO OR VIDEO FORMAT H. Teixeira, R. Bambirra, M. Silva, M. Racilan	3004
ENGAGING SCHOOL STUDENTS IN SCIENCE AND HEALTH PROFESSIONS J. Penman, J. Thalluri	3021
IMPORTANCE OF SOCIAL NETWORKS IN THE TEACHING-LEARNING PROCESS AT THE UNIVERSITY	3029
M.V. Gil Álvarez, V. Luque-Agudo, M. Palomino-Vasco, M.I. Rodríguez-Cáceres, D. Rodríguez-Gómez, J. Guerrero Martín, E. Costillo, J.R. Vallejo, M. Moralo Aragüete	
BOKU SCIENCE TV: AN ENGAGING VIRTUAL CLASSROOM FOR REAL-TIME TEACHING AND COLLABORATION BASED ON LIVE-STREAMING, VIDEOCONFERENCING AND ONLINE APPS A. Zitek, T. Prohaska, C.R. Michalek, B. Hinterstoisser	3036
CHILDREN'S CHOICES: THE TECHNOLOGY CHOICES THAT CHILDREN MAKE WITHIN THEIR FREE TIME. INFLUENCES AND IMPLICATIONS D. O'Connor, C. Robinson McGunnigle, M. McCormack, V. O'Rourke	3037
CUSTOMIZABLE GAMES TO SUPPORT THE RECOVERY OF MEMORY LOSS H. Leal, H. Barbosa, A. Vieira de Castro, E. Carrapatoso	3043
CHANGE MANAGEMENT AND INNOVATION IN ENGINEER EDUCATION E. Olguin, F.J. Caro	3051
"GOING OUTSIDE": DISCUSSING THE CONNECTION BETWEEN PEDAGOGICAL PRACTICES WITH DIGITAL TOOLS AND OUTDOOR EDUCATION IN EARLY CHILDHOOD AND PRIMARY EDUCATION M. Figueiredo, C. Azevedo Gomes, N. Gonçalves	3058
AN MQTT-BASED JUST-IN-TIME CURRICULUM FEEDBACK SYSTEM I. Zualkernan	3067
MANAGEMENT OF DISSERTATION COUNCILS AT UNIVERSITIES: NEW TRENDS P. Ermakov, I. Abakumova, O. Fedotova	3077
USING PENTAHO TO IMPLEMENT AN END-TO-END EDUCATIONAL ANALYTICS PROCESS IN A DEVELOPING COUNTRY I. Zualkernan, A. Karim	3084
INTERNET OF THINGS AND BIG DATA ANALYTICS TO ESTABLISH FIDELITY IN EDUCATIONAL INTERVENTIONS 1. Zualkernan	3095
CORRELATION ANALYSIS OF A STRUCTURED OBJECTIVE CLINICAL EXAMINATION	3105
E. Urbaneja Rodríguez, M.A. Pino Vázquez, H. González García, R. Garrote Molpeceres, B. Izquierdo López, P. Jiménez Jiménez, P. Garcimartín Valle, M.B. Coco Martín, A. Mayo Iscar, R. Cuadrado Asensio, C. Medina Pérez, F.J. Álvarez Guisasola	
IMPORTANT FACTORS IN INNOVATION AND ENTREPRENEURSHIP COURSE FOR NON-BUSINESS STUDENTS K. Voldsund, M.B. Harsányi, S.T. Hagen	3113

LET'S GET REAL: ARE TODAY'S CHILDREN PLAYING WITH NATURE? DO THE EDUCATIONAL ASPIRATIONS OF THE NATURE PLAY MOVEMENT EMERGE WITHIN CHILDREN'S NEIGHBOURHOOD PLAY? D. O'Connor, C. Robinson McGunnigle, M. McCormack, V. O'Rourke	3123
DESIGNING STAR SCHEMAS FOR ASSESSMENT EDUCATIONAL ANALYTICS USING BRONFENBRENNER'S ECOLOGICAL SYSTEMS THEORY I. Zualkernan	3130
THE CREATIVITY AND RESILIENCE DEVELOPMENT PROJECT (CRDP) TO INVESTIGATE LEARNING PRACTICE IN THE USE OF ICT E. Gulbay, A. La Marca, S. Schiavone	3139
HISTORICAL BIOGRAPHY IN THE DIDACTIC OF THE SCIENCES: EDUCATIONAL EXPERIENCE IN TWITTER J.R. Vallejo, J. Guerrero Martín, E. Costillo, V. Luque-Agudo, M. Palomino-Vasco, M.I. Rodríguez-	3146
Cáceres, D. Rodríguez-Gómez, M.V. Gil Álvarez INTRODUCING THE LANGUAGE OF NEW MEDIA TO ART EDUCATION K. Fojtikova	3154
EXPERIMENTAL USE OF ELECTROMAGNETIC ARTICULOGRAPHY (AG501) IN THE SPEECH THERAPY INTERVENTION AND EDUCATION OF UNIVERSITY STUDENTS L. Šebková, K. Vitásková	3155
IMPLEMENTING RESEARCH IN THE CLASSROOM IN BIOLOGY COURSES AS A HIGH IMPACT PRACTICE M. Tawde	3162
LANGUAGES FOR SPECIAL PURPOSES IN TEACHING TRANSLATION A. Zaripova, O. Akimova, O. Palutina	3167
TEACHING PROGRAMMING 201 WITH VISUAL CODE BLOCKS INSTEAD OF VI, ECLIPSE OR VISUAL STUDIO – EXPERIENCES AND POTENTIAL USE CASES FOR HIGHER EDUCATION N. Kiesler	3171
QUALITY GUARANTEE OF THE EDUCATIONAL PROCESS E. Urbaneja Rodríguez, M.A. Pino Vázquez, H. González García, R. Garrote Molpeceres, B. Izquierdo López, M.B. Coco Martín, A. Mayo Iscar, R. Cuadrado Asensio, C. Medina Pérez, F.J. Álvarez Guisasola	3180
USE OF DATA BASES IN THE PREPARATION AND DEVELOPMENT OF LABORATORY PRACTICAL CLASSES IN TOXICOLOGY M.J. Diaz, P. Moyano, M.T. Frejo, M.J. Anadon, M.A. Capo, M. Lobo, J. Garcia, J. Del Pino, G. Gomez	3188
APPLYING THE ACTION-ORIENTED APPROACH FOR LEARNING LANGUAGES THROUGH SOCIAL-NETWORKING TECHNOLOGY L. Conseil, E. Garcia, B. Strotmann	3189
VALIDATION OF A MEDIA SELECTION FRAMEWORK THROUGH PRACTICAL USE C. Onyekaba, R. Campion, A. Atkins	3197
MOBILE SERIOUS GAME TO INSTRUCT CHILDREN ABOUT ROAD SAFETY ASPECTS M. Paulo, A. Vieira de Castro	3203
MASS MEDIA MATERIAL IN TRAINING TRANSLATORS O. Palutina, O. Akimova, A. Zaripova	3211
BUILDING ALUMNI CAREER TRACKING SYSTEM FOR THE POSSIBLE INNOVATION AND IMPROVEMENT IN THE DEVELOPMENT OF THE COURSES J. Birovljev, O. Sedlak, Z. Ciric, D. Stojic, A. Marcikic	3215
ASSESSING THE IMPACT OF GAMIFICATION ON STUDENTS' ENGAGEMENT AND MOTIVATION J. Ruizalba, A. Soares, J. Nato	3221
PRACTICAL CLASSES AS A TOOL IN THE TEACHING OF DEONTOLOGY IN THE AREA OF HEALTH SCIENCES M.T. Frejo, P. Moyano, M.J. Diaz, M.J. Anadon, M.A. Capo, M. Lobo, J. Garcia, J. Del Pino, G. Gomez	3222
RESOLVING MISCONCEPTIONS THROUGH STUDENT REFLECTIONS D. Boccio, K. Kolack, M. Tawde	3223
ORIENTATION PROCESS FOR SECONDARY SCHOOL PUPILS BASED ON OPINION ANALYSIS S. Lazib, F. Bouarab-Dahmani, L. Haddadi	3229
A CASE STUDY OF SETUP TIME REDUCTION FOR PRODUCT CUSTOMIZATION A.L. Ferreira Andrade Ramos, J.A. Vasconcelos Ferreira, F. Bernardes	3240
MATHEMATIC EDUCATION SUPPORT BY DIGITAL LEARNING OBJECTS K. Bártek, D. Nocar	3249

IMPROVING THE STUDENT'S GENERAL ICT SKILLS IN ENGINEERING EDUCATION O. Dæhli	3254
TEACHING A STUDENT WITH DOWN SYNDROME THE BASIC OPERATIONS M.C. Zamora Urrea, R. Serrano Urrea	3264
USE OF THE E-PORTFOLIO BY STUDENTS ON THE DOUBLE BACHELOR'S DEGREE IN INFANT AND PRIMARY EDUCATION L. Holondo Carrello, V. Februs Consolor, L. Managuéo Molino, L.M. Cola Parvilla, A. Sárabas Caballá	3267
J. Holgado García, V. Esteve González, L. Marqués Molias, J.M. Cela Ranilla, A. Sánchez Caballé	
BEST PRACTICES IN FLIPPING THE HIGHER EDUCATION ENGLISH AS A SECOND LANGUAGE ACADEMIC WRITING COURSES P. Fassihi	3273
PROTECTION OF PERSONAL DATA AMONG FUTURE TEACHERS T. Bratina, M. Krasna	3279
THE CONTRIBUTION OF COLLABORATIVE ACTION RESEARCH TO THE USE OF RESEARCH KNOWLEDGE ON DIFFERENTIATED INSTRUCTION BY SCHOOL STAKEHOLDERS IN DISADVANTAGED AREAS N. Grenier, M. Moldoveanu	3286
EMOTIONS OF UNIVERSITY STUDENTS IN THE USE OF DIGITAL PORTFOLIOS AS A TOOL OF LEARNING AND ASSESSMENT V.M. Gámiz-Sánchez, E. Crisol-Moya, M.A. Romero-López	3287
SUPPORTING COGNITIVE PROCESSES FOR INDICATING EFFECTIVE DECISION MAKING DURING DEVELOPING INFORMATIVE ONLINE ENVIRONMENTS G. Bujdosó	3295
WEB-BASED LEARNING, HIGHER-ORDER THINKING SKILLS AND PERSONALITY TRAITS D. Morin, J. Thomas, R.G. Saade	3303
ABEAM THE NUMBERS: BUILDING PLANES AND LEARNING STANDARD COSTING L. Reginato, E. Cornacchione	3312
EVALUATION AND ACTIVITY GROUP ON THE SUBJECT ORGANIC CHEMISTRY DEGREE IN SCIENCE AND FOOD TECHNOLOGY M.J. Rojo, M.T. Rodríguez, T. Torroba	3323
GEOGRAPHY, HISTORY AND NATURAL SCIENCES: AN INTERDISCIPLINARY TEACHING APPROACH WITH GIS V. Ribeiro, I.B. Monteiro, M. Quinta e Costa	3329
PLAYGROUNDS GOING WRONG: STUDY OF THE ADULT STYLE AND CHILDREN'S RIGHTS DURING RECESS IN AN EARLY CHILDHOOD AND PRIMARY EDUCATION CENTER	3336
M. Figueiredo, F. Santos	
AN INTEGRATED PSYCHOLOGY VIRTUAL RESEARCH ETHICS COMMITTEE <i>L. Boubert, D. Taylor</i>	3340
IPAD IN THE CLASSROOM: STAFF AND STUDENT FEEDBACK FROM THE FIRST YEAR OF A FACULTY WIDE ROLL OUT L. Boubert, B. Altemeyer, J. Lewis	3348
LEARNING ABOUT BREASTFEEDING: AN AUTOMATIZED ONLINE COURSE BASED ON THE PRINCIPLES OF THE WORLD HEALTH ORGANIZATION C. Rosas-Magallanes, I. Ramírez-Silva, C. Razo-García, L. Magaña-Valladares, T. González de Cossio-Martínez	3349
LEADERSHIP EDUCATION AT A LARGE-SCALE CLASS INCLUDING FOREIGN STUDENTS WITH E-PORTFOLIO ANALYSIS M. Inoue, T. Maruyama	3351
THE ESTABLISHMENT AND THE IMPLEMENTATION OF THE SYSTEM FOR MANAGEMENT OF PROFESSIONAL GROWTH OF EDUCATIONAL SPECIALISTS WITHIN THE FRAMEWORK OF THE ASSOCIATION OF CHEMISTRY TEACHERS A. Sobolev, D. Isaev	3361
DEBORAH GAME - AN INNOVATIVE SERIOUS GAME TO TEACH ACCOUNTING HISTORY T. Nunes, M. Souza, E. Cornacchione	3370
SUPPORTING LEARNING STYLES: THE ONLINE CLASS PERSPECTIVE B. Nkonge	3379
AN ASSESSMENT OF FACULTY USAGE OF TED LESSONS AS A TEACHING RESOURCE	3385
C. Ruiz Mafe, R. Curras-Perez, C. Perez-Cabañero	

LEARNING ASSESSMENT IN POSTGRADUATE STUDENTS: A COMPARISON BETWEEN TRADITIONAL AND NON TRADITIONAL TEACHING STRATEGIES E. Ramirez-Garcia, R. Flores-Delgado	3396
THE IMPORTANCE OF EVALUATING OROFACIAL MOVEMENTS IN CHILDREN WITH AND WITHOUT SPEECH, LANGUAGE AND COMMUNICATION NEEDS K. Vitásková, J. Tabachová	3402
CLOSING COMPETENCY GAPS USING E-LEARNING IN MULTIDISCIPLINARY MASTER'S STUDIES M. Plechawska-Wójcik, M. Miłosz, M. Dzieńkowski	3412
ADAPTING THE "M@T-EDUCATE WITH SUCCESS" PLATFORM TO MOBILE LEARNING OF MATHEMATICS IN HIGHER EDUCATION I. Araújo, P. Faria, S. Araújo, R. Oliveira	3421
HONEST LEARNING WITH TAKE-HOME EXAMINATIONS: A CASE FOR ENCOURAGING STUDENT COLLABORATION K. Siren	3429
PECULIARITIES OF THE COMMUNICATIVE-SPEECH COMPETENCES OF THE INFANTS WITH DEVIATIONS IN LANGUAGE DEVELOPMENT M.V. Kimmel, E.V. Sheremetyeva, O.I. Kovaleva, I. Menendez Pidal	3435
THE PECULIARITIES OF PROSODY OF YOUNG CHILDREN WITH DISABILITIES IN THE ACQUIREMENT OF SPEECH E.V. Sheremetyeva, E.A. Spirina, I. Menendez Pidal	3439
AT-RISK STUDENTS' POINT OF VIEW REGARDING THE IMPACTS OF DIFFERENTIATED INSTRUCTION ON THEIR SCHOOL ENGAGEMENT M. Moldoveanu, N. Grenier	3443
EASING THE LEARNER'S TRANSITIONAL JOURNEY FROM COLLEGE TO UNIVERSITY I. Smith, H. Young, J. Fotheringham	3444
AN EXAMPLE OF EFFECTIVE APPLICATION OF THE FLIPPED CLASSROOM IN A SENIOR LEVEL BUSINESS ANALYTICS CLASS T. Shea, P. Sherer	3454
GENDER AND LEARNING IN THE ARCHITECTURAL DESIGN STUDIO O. Fulani, D. Amole	3459
NUMISDATA: A GAME FOR A COMMUNITY OF INTEREST TO ACCESS ARCHAEOLOGICAL EXPERT KNOWLEDGE A. Ruiz Calleja, T. Jesmin, E. Jeladze, I. Martín, T. Väljataga	3469
EDUCATIONAL HARDWARE AND SOFTWARE: DIGITAL TECHNOLOGY AND DIGITAL EDUCATIONAL CONTENT D. Nocar, Q. Tang, K. Bártek	3475
MENTAL HEALTH PROFILE OF MEXICAN SCHOOL-AGED CHILDREN A. Cocca, M. Cocca, F.D. Espino Verdugo	3485
EXPANDING THE CONCEPT OF HEALTH EDUCATION AND STIMULATING PRACTICE IN GRADUATION BY CRITICAL-REFLEXIVE METHODOLOGY: EXPERIENCE REPORT M.R. Rocha	3486
DESIGN AND IMPLEMENTATION OF A COLLABORATIVE FRAMEWORK IN ENGINEERING HIGHER EDUCATION TO DEVELOP BIOMEDICAL PROTOTYPES R. Fuentes-Aguilar, Y. Cham-Yuen, S. Gonzalez-Garcia, G. Silveyra-Leon, A. Garcia-Gonzalez	3491
DEFINING AND DEVELOPING LIFE-LONG DIGITAL COMPETENCIES: PARTNERSHIP BUILDING APPROACH	3500
V. Freiman, F. Larose, R. Chukalovskyy, M. LeBlanc, M. Léger, Y. Bourgeois, J. Godin	
READING AND WRITING IN THE AGE OF SHORT ATTENTION SPANS S. Dugal, B. Bailey, S. Carnevale, F. Castrovillari, G. Chernykh, E. Dawber, M. Denver, M. Fingado, S. Gioielli, N. Green, A. Maine, J. Maloney, B. Oliveira, A. Pagano, J. Swanholm, J. Tomaselli, E. Weinreb, K. Wetterauw, J. Yee, J. Zonfrilli, L. Arsenault, P. Liang, R. Okoulou-Kantchati, F. Garcia, M. Ventura, A. Wright, R. Yiu	3509
CYBERTASKS TO ENHANCE STUDENT CULTURAL AWARENESS: FOSTERING INTERCULTURALISM AND MULTICULTURALISM IN THE FOREIGN LANGUAGE CLASSROOM C. Elkabas	3515
ENGAGING ACADEMICS IN CURRICULUM REVIEWS: LOOKING BEYOND A SUBJECT TO WHOLE OF COURSE LEARNING A. Roserson	3516
A. IMPETALL	

BLOGS IN AN EPIDEMIOLOGICAL RESEARCH METHODS COURSE A. Sanchez-Anguiano, S. Srinivasan, C. Montoya	3517
SKILLS-BASED TRAINING AND INNOVATION ECOSYSTEMS IN ENGINEER EDUCATION E. Olguin, F.J. Caro	3521
HOW DID WE FACE THE ACCREDITATION PROCESS FOR THE FIRST TIME AND WHAT DID WE LEARN? THE CHE PROGRAMS AT THE UCLM M.J. Ramos, M.L. Sánchez-Silva, P. Sánchez, M.A. Rodrigo, A.M. Borreguero, C.M. Fernández, E. Lacasa, J. Llanos, A. de Lucas-Consuegra, A.R. de la Osa	3529
PEDAGOGICAL PATTERNS USED IN INTRODUCTORY PROGRAMMING COURSES AT MVILLE M. Djordjevic	3535
DESIGN AND DEVELOPMENT OF AN ADAPTIVE ONLINE LEARNING SYSTEM FOR TEACHING ORGANIC CHEMISTRY: EMPIRICAL INVESTIGATION OF CHEMISTRY ONLINE PRACTICE ENVIRONMENT R. Koseler Emre, I.R. Gould	3536
RESPONSES OF INTERNATIONAL AND DOMESTIC STUDENTS TO ONLINE HYBRID LEARNING G. Tusch	3544
TRANSITION TO TRANSITION PEDAGOGY T. Griffin, F. Webber, L. Armitage	3552
APPS AND WEB TOOLS TO ENHANCE YOUR CLASSROOM S. Koc, F. Wirth, E.S. Koc	3553
IDENTITY WORK AND LITERACY DEVELOPMENT IN THE CREATION OF DIGITAL NARRATIVES A. Lopez Sanchez	3558
CHAT ROOM AS REPLACEMENT FOR OFFICE HOURS AND EMAILS AND SUPPLEMENT TO LECTURE Q&A W. Schultz	3559
SCHOOL GARDEN AS AN ALTERNATIVE TO ENVIRONMENTAL EDUCATION C.G. Alemán-Aguilar, M.F. García-Patiño, L.M. Montoya-Chávez, L.D. Alemán-Aguilar	3564
LEARNING STYLES, LEARNING STRATEGIES AND ICT J. Zambrano, L. Arango, M. Lezcano	3568
RESULTS OF PLANNING FOR THE MEXICAN UNIVERSIDAD AUTÓNOMA METROPOLITANA	3569
N. Dominguez-Vergara, M. Monroy-Anieva, J.L. Pantoja-Gallegos, D. Dominguez-Perez POTENTIATING VIRTUE, RESILIENCE BEFORE VIOLENCE: A RESEARCH FROM THE STUDENTS' PERCEPTION TO BUILD PEACE CULTURES D.E. Garcia-Gonzalez, J. Camargo, M.C. Castillo, A. Martin del Campo, M. Méndez	3578
RETHINKING THE ROLE OF SPECIAL EDUCATION WITHIN TEACHER EDUCATION PROGRAMS J. Kelly, B. Pohl	3587
URA CARD GAME: CAREER AWARENESS AMONG CHILDREN TO UNDERSTAND CAREER OPTIONS IN A FUN WAY AND MAKE INFORMED CAREER CHOICES P. Raj, J. Iyengar	3595
INCLUSIVE SOCIAL JUSTICE LEADERSHIP AND REQUISITE LEARNING EXPERIENCES D. Celoria	3604
TRANSLATING THE EXPERIENCE OF DIGITAL PROJECT LEARNING: WHAT DO STUDENT TEACHERS LEARN ABOUT WHAT WORKS IN THEIR OWN CLASSROOMS? M. Wilkinson	3612
ORGANIZATIONAL TRAINING MANAGEMENT IN SPACE INDUSTRY IN TURKEY A. Donat	3613
BUILDING UP A VIRTUAL CLASSROOM IN SUPPORT OF BIOCHEMISTRY TEACHING AT THE FES ZARAGOZA, UNAM M. Cruz-Millán, M. Aguilar-Santelises, A. García-del Valle, A.G. Rojas-Fernández, L. Aguilar-Santelises	3623
SERVICE LEARNING EXPERIENCES OF PRESERVICE TEACHERS IN AN URBAN TEACHER PREPARATION PROGRAM J. Kelly	3626

ORGANIZATIONAL FORMS OF INTERACTION OF UNIVERSITY WITH INDUSTRIAL PARTNERS IN THE NEW FORMAT OF ENGINEERING EDUCATION L. Boronina, L. Bannikova, A. Baliasov	3627
DESIGN AND DEVELOPMENT OF MICRO-COURSES FOR MOBILE DEVICES K. Pajarito, R. Feria	3633
EDUCATION AS A REGIONAL DEVELOPMENT ASPECT V. Šoltés, K. Repková Štofková, M. Kutaj	3643
ENHANCING THE LEARNING EXPERIENCES THROUGH INDUSTRY-BASED LEARNING FROM INDONESIAN UNIVERSITY PERSPECTIVE R. Rajibussalim, T. Sahama, H. Pillay	3648
USING VISUAL PROGRAMMING AND ROBOTS TO HELP NOVICES TO OVERCOME FEAR OF CODING R. Chongtay	3658
THE ACCEPTANCE AND USE OF THE E-LEARNING SYSTEMS AMONG THE UNIVERSITY TEACHERS IN ECUADOR R. Ramirez-Anormaliza, F. Sabaté Garriga, X. Llinàs-Audet	3666
BLOGGING FOR PRE-SERVICE ENGLISH LANGUAGE TEACHERS Y. Özkan	3675
REMOTE LABORATORIES BASED ON LABVIEW WEB SERVICES P.A. Cotfas, D.T. Cotfas, O.M. Machidon	3683
ACADEMIC INTEGRITY – A CASE OF BILINGUAL VIDEO NARRATIVE AND AWARENESS CREATION L. Trenkov, Z. Filipovic	3690
PROMOTING TRUST AND RECIPROCITY IN THE CLASSROOM M. Caballer-Tarazona, A. García-Gallego, A. Rodrigo-González	3698
CONSTRUCTION OF A BAMBOO GEODESIC DOME IN AN ARCHITECTURAL WORKSHOP F. Barth, L. Simone, A. Chaluppe, L. Vefago	3706
TRAINING AIDS FOR STEM EDUCATION AT PRIMARY AND MIDDLE SCHOOL LEVEL A. Sporea, D. Sporea, C. Iacob	3712
THE INFLUENCE OF MEDICAL KNOWLEDGE ON SELF-MEDICATION AMONG NURSING STUDENTS M. Iorga, C. Soponaru, T. Ciuhodaru	3713
REDESIGNING METHODOLOGY FOR STUDENT COUNSELLING IN THE FIRST YEAR OF IT EDUCATION E. Kaila, R. Lindén, T. Rajala, N. Hellgren, M.J. Laakso	3721
SOFTWARE FOR AUTOMATION OF ACTIVITY OF THE PERSONNEL IN THE SMART-UNIVERSITY A. Sharipbay, B. Barlybayev, S. Sabyrov, M. Akimbekova	3731
HYBRID LEARNING AND ITS FUTURE APPLICATIONS L.M. López-González, L.M. López-Ochoa, C. García-Lozano, J. Las-Heras-Casas	3736
VERY SERIOUS VIDEOGAMES V. Lavergne-Boudier	3747
LANGUAGE LEARNING: CHALLENGES IN TRANSLATION ASSIGNMENTS J. Horbacauskiene, S. Petroniene	3755
USING IMMERSIVE TEACHING AND LEARNING METHODS IN CHILD PROTECTION EDUCATION J. Reeves	3761
7P METHODOLOGY TO GENERATE CONVERS(A)CTIONS FOCUSED ON TRANSFORMATIONAL LEADERSHIP I. Ibarrondo, G. Barandika	3762
THREE-DIMENSIONAL ANIMATIONS AS PART OF AN EDUCATIONAL INNOVATION PROJECT V. Paredes Gallardo, N. Zamora Martínez, B. Tarazona Álvarez, C. Bellot Arcís	3767
EDUCATIONAL INNOVATION PROJECT IN THE DEGREE OF DENTISTRY AFTER TWO YEARS FOLLOW-UP. PART II V. Paredes Gallardo, N. Zamora Martínez, B. Tarazona Álvarez, C. Bellot Arcís	3772
TEACHERS' ORGANIZATIONAL COMMITMENT: EXAMINING THE EFFECTS OF RELATIONSHIPS, EMOTIONS AND PERSONAL RESPONSIBILITY M.C. Matteucci	3777

INFLUENCE OF EMPIRICAL AND NON-EMPIRICAL BELIEFS ON EDUCATIONAL SKILLS: AN APPROACH FROM THE TRANSFORMATIONAL LEADERSHIP I. Ibarrondo, G. Barandika	3782
INTEGRATING INCLUSIVE DESIGN' AWARENESS INTO ARCHITECTURE EDUCATION A. Sungur Ergenoglu, B. Bayraktaroglu	3789
INTRODUCING THE USE OF SMART DEVICES TO LECTURERS IN ORDER TO ENHANCE LEARNING M. Saar, M. Kusmin, T. Kasuk, T. Mee	3795
PREVENTION OF SCHOOL VIOLENCE IN JUNIOR HIGH STUDENTS OF YUCATAN, MEXICO	3797
G.B. Mena May, M.L. Pinto Loría, E. Duarte Briceño, M.V. López Espejel	2007
A STOCK EXCHANGE MARKET IN A CLASSROOM EXPERIMENT A. Rodrigo-González	3807
MODERN TECHNOLOGIES IN PEDAGOGICAL INTERACTION WITH WORLD EDUCATIONAL COMMUNITY O. Ershova, E. Stolyarova	3816
GENDER DIFFERENCES IN MEDICAL STUDENTS' PERCEPTIONS AND ATTITUDES TOWARD LEARNING HEALTH INFORMATION TECHNOLOGY R.J. Jacobs, H. Iqbal, A. Rana, Z. Rana	3823
THE EVALUATION CONTINUES IN THE DEGREE OF LAW OF THE EUROPEAN UNIVERSITY OF VALENCIA C. de Paredes Gallardo	3827
GRADUATE PROGRAMS IN EDUCATION: CHARACTERIZATION OF THE OFFER IN MEXICO CITY R.A. Gómez, L. Rocha	3831
TEACHER KNOWLEDGE FOR TEACHING SCIENCE: A CASE WITH A PHYSICS TOPIC - KINEMATICS E. Mavhunga, A. Mamvura, O.S. Akinyemi	3836
LISTENING TO WAVES: USING COMPUTER TOOLS TO LEARN SCIENCE THROUGH MAKING MUSIC V. Minces, A. Khalil, I. Oved, C. Challen, A. Chiba	3844
EMPLOYING WHATSAPP MESSENGER MOBILE APPLICATION TO ENHANCE UNDERSTANDING OF BASIC CONCEPTS IN A UNIVERSITY COURSE S. Nyika, U.I. Ogbonnaya	3853
THE EFFECTIVENESS OF FACE-TO-FACE DISCUSSION IN CHINESE PRIMARY SCHOOLS W. Bao, P. Blanchfield, G. Hopkins	3863
LOOPING LINEAR: THE ART OF TEACHING QUALITATIVE RESEARCH METHODS FOR PUBLIC HEALTH C. Dodge Francis	3873
CHALLENGES BEFORE AND AFTER DETECTING PLAGIARISM A. Rodafinos, L. Warwick, D. Robbie	3874
EMPIRICAL ANALYSIS OF INTERNET USAGE AND ACADEMIC PERFORMANCE OF STUDENTS: EVIDENCE FROM PAKISTAN R.R. Ahmed, J. Vveinhardt, N. Ahmad	3883
A UNIVERSITY LEARNING EXPERIENCE FOR ADULT EDUCATORS IN HIGHER EDUCATION: FROM A RESEARCH-BASED APPROACH TO A GUIDANCE MODEL FOCUSED ON PROFESSIONAL IDENTITY A. Galimberti, M.B. Gambacorti-Passerini, C. Palmieri	3893
MULTIMEDIA RESOURCES AND TOOLS FOR FLIPPED CLASSROOM. EXPERIENCE IN HIGHER EDUCATION J.S. Artal Sevil, E. Romero Pascual, J.M. Artacho Terrer	3902
FLIPPED CLASSROOM: AN INTERACTIVE METHOD TO IMPROVE THE STUDENT PERFORMANCE J.S. Artal Sevil, J.L. Bernal Agustín, J.A. Domínguez Navarro	3912
THE EFFECT OF A HOPE THERAPY APPROACH ON THE FAMILY FUNCTIONING OF WIVES OF ADDICTED MEN T. Allahyari, E. Ghasemi	3922
BLENDED LEARNING – HOW TO CREATE AN EFFECTIVE COURSE K. Buckley	3929

INDUSTRIAL ECOLOGY EDUCATION THROUGH COLLABORATIVE RESEARCH PROJECTS: THE CASE OF TANNERIES G. Cervantes	3935
THE "IPV6 NET:FORCE! TOOLBOX" – DIDACTICAL SUPPORT FOR NETWORK DESIGN AND MIGRATION TO INTERNET PROTOCOL VERSION 6 G. Mittenecker, M. Deutsch	3942
ALTERNATIVENESS AT WORK: INTRAMURAL MOBILITY SCHEME IMPLEMENTATION O. Fedotova, V. Latun	3949
THE BACKGROUND IMPACT IN HEI MATH LECTURES – AN EXPERIENCE IN MATH IN THE 1ST YEAR OF ACCOUNTING AND MANAGEMENT DEGREE M.P. Nunes, F. Soares, A.P. Lopes	3955
BELIEFS OF EDUCATIONAL STAFF ABOUT OCCUPATIONAL SAFETY AND HEALTH TRAINING M. González-Carrasco, N. Mancebo, E. Villar	3965
SHOULD FOREIGN/SECOND LANGUAGES BE TAUGHT IMPLICITLY OR EXPLICITLY? HOW CAN THE PAST ENLIGHTEN THE PRESENT? C. Besnard	3966
A SOUND PEDAGOGY: ACTIVE LEARNING THROUGH MEDIA PRODUCTION M. Droumeva, D. Murphy	3974
COLLABORATIVE TECHNOLOGY ENHANCED LEARNING SPACES: A PROMISING IDEA; A CHALLENGING REALITY G. Osman	3983
ASSURING QUALITY OF LEARNING IN A BUILT ENVIRONMENT – A CASE STUDY OF THE UWI OPEN CAMPUS M. Masino	3984
IMPLEMENTING MULTI-DIMENSIONAL LINK AUGMENTATION AND STEM EDUCATION AS A MEANS OF LIFELONG LEARNING MODELLING P. Longpradit	3990
INTEGRATION OF STEM EDUCATION AND SOFTWARE DEVELOPMENT: A CASE STUDY OF A THAI UNIVERSITY P. Longpradit	4000
EXPERIENCE OF ON-LINE PLATFORM USAGE FOR LEARNING ACADEMIC ENGLISH LANGUAGE YU. Zeremskaya, O. Solodovnikova	4001
INMATE'S E-LEARNING STYLES A. Monteiro, R. Barros, C. Leite	4006
THE USE OF SENSITIVITY ANALYSIS TO EVALUATE THE QUALITY OF A TEACHING ACTIVITY INDEX M.C. Bas Cerdá, J.M. Carot Sierra, A. Conchado Peiró	4014
REAL-TIME COLLABORATION ONLINE IN THE CLASSROOM FOR ACTIVE MODELLING OF ACADEMIC WRITING A. Archdeacon	4022
INTERNATIONAL PROJECTS RUN BY THE CENTER FOR SCIENCE EDUCATION AND TRAINING D. Sporea, A. Sporea	4037
MOBILE GAME-BASED SEAMLESS LEARNING G. Eby, O. Kacmaz	4038
COOPERATIVE ACTIVE LEARNING METHODOLOGY IN MATHEMATICS S. Kadry, F. Safieddine	4039
A MOBILE LEARNING ENACTMENT SOLUTION TO EXPLORE THE INTEGRATION OF THEORY AND CLINICAL PRACTICE WITHIN AN UNDERGRADUATE NURSING PROGRAM J. Willemse	4046
RAISE THE AWARENESS OF DISADVANTAGED LEARNERS THROUGH MOBILE LEARNING G. Eby, O. Kacmaz	4047
ARABIC TYPOGRAPHY IN THE CURRICULUM: PERSPECTIVES FROM THE MIDDLE EAST T. Sleiman, I. Aicenah	4048

ADOPTION OF AN APPROACH PROMOTING READING COMPREHENSION BY VOCATIONAL TRAINING TEACHERS C. Ouellet, A. Boultif, L. Bergeron, A. Dubeau, F. Dubé, N. Boudrias, C. Turcotte	4058
WHY IS IMPORTANT TO WASH OUR HANDS? INQUIRY-BASED DIDACTICAL PROPOSAL FOR CHILDREN AGED 5 TO 7 A. Menargues Marcilla, R. Limiñana Morcillo, S. Rey Cubero, S. Rosa Cintas, I. Lujan Feliu-Pascual, C. Nicolas Castellano	4059
EDUCATING FOR THE FUTURE – PREPARING FOR THE WORLD: LEARNING PARTNERSHIPS ENABLED BY GOOGLE APPS FOR EDUCATION C. van Barneveld, C. Carr	4064
EMBEDDING TEACHING-STUDENT-RESEARCH NEXUS IN 2016: A CASE STUDY IN NAUTICAL SCIENCES M. Vervoort, C. Maervoet, R. Van Casteren	4072
ASSESSMENT OF ONLINE READING COMPREHENSION OF SECONDARY VOCATIONAL STUDENTS: FINDINGS FROM THE ORCA (ONLINE READING COMPREHENSION ASSESSMENT) INSTRUMENT C. Ouellet, A. Boultif, L. Bergeron	4077
ATTITUDES TOWARD LEGALIZATION OF ABORTIONS AMONG MEDICAL STUDENTS AND THE CORRELATION BETWEEN THEIR ATTITUDES AND THE ETHICAL THEORY USED IN ARGUMENTATION O. Savvina, V. Mukhametzhanova, I. Lapshin, A. Kosorukova	4078
NAUTICAL SCIENCES PROJECTS AT THE ANTWERP MARITIME ACADEMY IN BELGIUM SITUATION IN 2016 M. Vervoort	4085
BARRIERS FOR VIETNAMESE WOMEN IN PURSUING ACADEMIC CAREERS H.T.T. Bui	4093
FEATURES MOUTH OF CHILDREN WITH DOWN SYNDROME G. Capetillo, L. Caori, E. Torres, S.G. Flores, C.L. Parra, R.E. Ochoa, L. Tiburcio, A. Barranca, C. Loyo	4104
DENTAL CARE FOR CHILDREN WITH AUTISM G. Capetillo, R. Esparza, E. Torres, S.G. Flores, C.L. Parra, F. Leyva, T. Mendez, I. Ortiz Betancourt, B. Torres	4107
THINKING NONLINEARLY: EXPERIENCE IN TEACHING POWER SYSTEM STABILITY ANALYSIS IN ENGINEERING PROGRAMMES F. Milano	4110
E-LEARNING: A CHALLENGE FOR BUSINESS STATISTICS EDUCATION B. Gandhi, S. Gandhi	4120
HOW TO ATTRACT E-BUSINESS FOR IT STUDENTS M. Brickmann	4127
CAREER DEVELOPMENT AND TRAINING OF MILITARY PROFESSIONALS AS A TOOL OF SUCCESSFUL TRANSITION TO THE CIVILIAN LIFE: SYSTEM USED IN THE CZECH REPUBLIC AND BEST PRACTICE OF THE FRENCH DEFENCE POLICY K. Binková	4131
SELF-ASSESSMENT ACTIVITIES OF INFINITESIMAL CALCULUS IN THE E-LEARNING AT TECHNICAL DEGREES C. Calvo-Jurado, M. Candel Pérez	4142
A MODEL BASED ON E-LEARNING STANDARDS TO COMBINE, INTEGRATE AND ASSEMBLE LEARNING OBJECTS A. Gordillo, E. Barra, J. Quemada	4149
EVALUATION OF ORAL PRESENTATION SKILLS USING A RUBRIC METHODOLOGY. AN APPROACH TO CIVIL ENGINEERING STUDENTS M. Candel Pérez, C. Calvo-Jurado	4160
LEARNING BY DOING: AN EXPERIENCE WITH A NOVEL E-LEARNING PLATFORM AND A LEARNING OBJECT AUTHORING TOOL IN A TEACHERS' COURSE ABOUT E-SAFETY A. Gordillo, E. Barra, J. Quemada	4165
INFLUENCE OF AUDIENCE RESPONSE SYSTEMS ON STUDENTS TEAM ACHIEVEMENT IN MARKETING T. Vallet-Bellmunt, T. Martinez-Fernandez, V. del Corte-Lora, I. Vallet-Bellmunt	4176
A REFLECTIVE ANALYSIS OF LEARNER CENTRED APPROACH FOR BUSINESS COURSES IN THE MIDDLE EAST O. Abidi, F. Safieddine	4185

CHANGING MINDSET IN SCHOOL TEACHERS. THE STRANGE CASE OF THE ITALIAN NATIONAL PLAN FOR DIGITAL SCHOOL AND THE H-MOOC ON CODING R. De Rosa, A. Bogliolo	4191
MINIMAPATHON - MAPPING THE WORLD AT 10 YEARS OLD M. Ebrahim, M. Minghini, M.E. Molinari, A. Torrebruno	4200
COMBINING E-TECHNOLOGIES & E-PEDAGOGIES TO CREATE ONLINE UNDERGRADUATE COURSES IN ENGINEERING – AN EXAMPLE OF A SUCCESSFUL EXPERIENCE M. Gericota, A. Fidalgo, D. Barataud, G. Andrieu, R. De Craemer, M. Cristea, A. Benachenhou, M. Ankrim, K. Bouchlaghem, P. Ferreira	4209
DETERMINANTS OF FACULTY PERFORMANCE OF BUSINESS SCHOOLS: EMPIRICAL EVIDENCE FROM PAKISTAN R.R. Ahmed, J. Vveinhardt, M. Ahmed, K.R. Hemani	4219
MEITPRO A NEW TOOL TO EVALUATE EMOTIONAL INTELLIGENCE IN THE CLASSROOM F. Ramos, E. Breso, M. Sanchez	4229
WORK STRESS AND ORGANIZATIONAL CLIMATE IN AN EDUCATIONAL CONTEXT: A COMPARISON STUDY BETWEEN TEACHERS AND SUPPORT STAFF V. Ramos, X.L. Unda	4235
EXPECTANCY THEORY APPLIED TO AN EDUCATIONAL CONTEXT: A LONGITUDINAL STUDY APPLIED IN POSTGRADUATE COURSES X.L. Unda, V. Ramos	4245
INTEGRATING DIGITAL LITERACY IN TEACHER EDUCATION - THE PERPETUAL CHALLENGE OF A LEARNING ORGANIZATION S. Männikkö Barbutiu, A. Käck	4255
LEVEL OF KNOWLEDGE OF DENTAL STUDENTS IN RELATION TO THE STERILIZATION PROCESS BY HUMID HEAT M.R. Rocha, A.F. Fermino Amorin Silva	4265
DIVERSIFYING PRESCHOOL EDUCATION IN THE CZECH REPUBLIC M. Kampichler	4273
THE PERCEPTIONS OF SECONDARY SCHOOL STUDENTS ABOUT PROBLEM BASED LEARNING: A CASE OF TURKEY M. Demirel, B. Arslan Turan	4274
THE RELATIONSHIP BETWEEN METACOGNITIVE AWARENESS AND MOTIVATION: A STUDY OF SECONDARY SCHOOL STUDENTS IN TURKEY M. Demirel, H. Reçber	4285
SUBJECT MATTER LEARNING MODELS: IMPACT OF LEARNING SEQUENCE IN TECHNICAL COURSES ON STUDENT LEARNING J. Bonner, N. Lupton	4295
THE TOURO RUBRIC FOR ONLINE EDUCATION: A DYNAMIC TOOL FOR EVALUATING ONLINE COURSES M. Stoltz-Loike	4300
JOYFUL LEARNING OF CIRCLE GEOMETRY USING GEOGEBRA U.I. Ogbonnaya, A. Chimuka	4301
BRING YOUR OWN DEVICE FOR LEARNING MATHEMATICS - THE CASE OF GEOGEBRA M. Tomaschko, M. Hohenwarter	4308
PLAY IN ARCHITECTURAL DIDACTICS M. Balcer-Zgraja	4315
DOES SUN ALWAYS RISE AND SET AT THE SAME PLACE? AN INQUIRY-BASED LEARNING EXPERIENCE WITH PRE-SERVICE PRIMARY TEACHERS R. Limiñana Morcillo, A. Menargues Marcilla, C. Nicolas Castellano, S. Rosa Cintas, S. Rey Cubero, I. Lujan Feliu-Pascual, R. Colomer Barbera	4325
PARTICIPATION AND ENGAGEMENT: THE ROLE OF HIGHER EDUCATION ON MENTAL HEALTH, PROMOTING INCLUSIVITY, SELF ESTEEM, EQUALITY AND DIVERSITY FOR MENTAL HEALTH SERVICE USERS D. Phillips	4332
AN INSTITUTIONAL REVIEW OF THE COURSE LEADER ROLE LEADING TO THE IMPLEMENTATION OF ENHANCED PRACTICES AND ENABLING SYSTEMS OF SUPPORT AND COMMUNICATION AT COURSE LEADER LEVEL ACROSS THE INSTITUTION	4333
W. Bowen-Jones, C. Nisbet, C. Robinson, S. Greer	

PROMOTING QUALITY IN BLENDED LEARNING COURSE DESIGN F. Biasini	4334
INNO.COM A COMPANY WITH ITS OWN ACADEMICALLY ACCREDITED MASTER-AFTER-MASTER PROGRAMME IN ICT ENTERPRISE ARCHITECTURE. THE OPTIMAL BALANCE BETWEEN EDUCATION-RESEARCH-BUSINESS: THE GOLDEN TRIANGLE WITH THE COMBINATION OF THE THREE FORCES IN EDUCATION W. De Bruyn, G. Baekelandt, A. Bernard, O. Dolinina	4335
MSC DEGREE ON MANAGEMENT OF SUSTAINABLE AND ECOLOGICAL TOURISM: FROM MEST TO METS M.P. Arraiza, C. Cordón, C. Calderón-Guerrero, C. Martí, M.C. Giménez, J.V. López, J.L. García, F. Ioras	4338
WHAT DOES INDUSTRY GAIN FROM COLLABORATIVE DOCTORAL EDUCATION? L. Gustavsson, C. Nuur	4344
INTEGRATING MOOCS INTO THE SYSTEM OF LIFELONG LEARNING: TSU EXPERIENCE O. Babanskaya, G. Mozhaeva, U. Zakharova	4353
THE CLINICAL SIMULATION AS A NECESSARY TOOL IN TEACHING DEGREE IN NURSING	4361
M.J. García Cabanillas, C. Castro Yuste, M.J. Rodríguez Cornejo, C. Carnicer Fuentes, P. Bas Sarmiento, M. Fernández Gutiérrez, C. Gavira Fernández, M.A. Martelo Baro, O. Paloma Castro, M.C. Paublete Herrera, J.C. Paramio Cuevas, J.M. Romero Sánchez, J.J. Fernández Alba, L.J. Moreno Corral	
QUALITY MANAGEMENT AS A CONDITION FOR THE DEVELOPMENT OF E- LEARNING IN A MODERN UNIVERSITY O. Babanskaya, G. Mozhaeva, A. Feshchenko	4367
VIRTUAL LABS AND STUDENT SUCCESS – AN ANALYTICAL STUDY S. Kattayat, S. Josey, J.V. Asha	4374
SEVERITY OF SOME FORMS OF ACADEMIC INTEGRITY: OPINIONS OF FUTURE SECONDARY EDUCATION TEACHERS R. Comas-Forgas, M. Morey-Lopez, B. Mut-Amengual, X. Motilla-Salas	4377
THE INFLUENCE OF WEB TECHNOLOGIES ON EDUCATION S. Josey, S. Kattayat, J.V. Asha	4378
STUDENTS' MATH SELF-CONCEPT IN SECONDARY EDUCATION: PREVALENCE AND GENDER DIFFERENCES	4381
L. Yáñez-Marquina, L. Villardón-Gallego MEASURING NATIVENESS FOR THE ENGLISH LANGUAGE LEARNER: EMERGENT TECHNOLOGY FOR THE CLASSROOM K. Spiegel, H. Homan	4390
'WALKING IN THE UNKNOWN PATHS': AN EXPERIMENTAL CURRICULUM N. Balkir Kuru	4398
A COMPARATIVE ANALYSIS OF ENTREPRENEURSHIP EDUCATION IN THE UNIVERSITIES OF HUNGARY AND PAKISTAN – CURRENT STATE OF AFFAIRS, PROBLEMS, CHALLENGES AND RECOMMENDATIONS FOR THE FUTURE S.Z.A. Kazmi	4405
FUNCTIONAL RESILIENCE: PARALLELING BRAIN PLASTICITY WITH AN ORGANIZATION'S OVERALL WELL-BEING A. Sax, Y. Pavlosoglou	4412
TEACHING ENVIRONMENTAL DESIGN IN RISK AREAS R. Bologna, P. Gallo, R. Romano, F. Barth	4418
PARTICIPATORY EVALUATION TO OUTLINE GUIDELINES FOR AN E-LEARNING MODEL INTO UNIVERSITY COURSES. THE CASE OF "FLIPPED CLASSROOM X MOOCS" PROJECT S. Patera	4423
THE TRANSVERSAL COMPETENCY "TIME PLANNING AND MANAGEMENT": A REALITY IN UNIVERSITAT POLITÈCNICA DE VALÈNCIA E. Sanabria-Codesal, E. Pérez Marín, P. Noguera Murray, A. Martínez García, P. Cácerez González	4434
ONLINE COURSE AS A MEANS OF ASSESSING TEACHER'S ICT COMPETENCES L. Goryanova, E. Vershkova, A. Ambrajei, D. Denchuk	4442
INVESTIGATING PREPARATORY YEAR STUDENTS' RECOGNITION OF UNIVERSAL VALUES AT UNIVERSITY OF TABUK S. Alshammary	4448

I FEEL GREAT - UNIVERSITY STUDENTS AFFECTIVE EXPERIENCES ON LEARNING AND TEACHING M. Tukiainen, N. Helander, P. Hellsten, J. Jussila, J. Myllärniemi, M. Boedeker	4453
HOW BRING YOUR OWN DEVICE (BYOD) CONCEPTS CAN INCREASE LEARNING EFFICIENCY AND DECREASE TEACHING COSTS – A CASE STUDY G. Holweg, R. Pucher, F. Schmöllebeck	4461
A CONTEXTUAL FRAMEWORK TO GUIDE THE INTRODUCTION AND USE OF E- LEARNING IN INFORMATION MANAGEMENT EDUCATION: SPECIAL REFERENCE TO SRI LANKA N. Suraweera, C.L. Liew, J. Cranefield	4471
EXPERIENCES IN EVALUATING THE TRANSVERSAL COMPETENCE "KNOWLEDGE OF CONTEMPORARY PROBLEMS" IN THE SUBJECT OF STATISTICS IN UPV J.F. Villanueva, T. Barrachina, S. Gallardo, N. Lajara-Camirelli, J. Tuset	4481
INTELLIGENT ENVIRONMENTS: HOW THE INNOVATIONS OF THE INDUSTRIAL INTERNET MAY INFLUENCE INTERIOR DESIGN K. Julian	4489
CHOREOGRAPHY OF ELECTRONIC-MENTORING USING INTELLIGENT E-SERVICES W.L. Ntshinga	4492
COMPETENCY OF LEADS OTHERS LIKE A VALUE ADDED OF STUDIES FOR A MILITARY ORGANIZATION A. Brichová	4501
MUSEUMS AND PEOPLE WITH VISUAL DISABILITY: AN EXPLORATION AND IMPLEMENTATION THROUGH AN ERASMUS+ PROJECT V. Argyropoulos, M. Nikolaraizi, S. Chamonikolaou, C. Kanari	4509
E-MAIL AS A COMMUNICATION AND LEARNING TOOL: E-MAIL MESSAGES FROM CHINESE STUDENTS STUDYING IN PORTUGAL TO THEIR TEACHERS L. Barbeiro, M. Alexandre, I. Santos	4517
VIRTUALITY CONTINUUM IN COMMUNICATION AND EDUCATION: USER EXPERIENCE AND INTERACTION DESIGN IN SIMULATION AND INTERACTIVITY APPROACHES IN REAL AND VIRTUAL ENVIRONMENTS J.L. Rubio-Tamayo, M. Gértrudix Barrio, F. García García	4526
AUDIO BOOK PROJECT IN OPEN AND DISTANCE LEARNING SYSTEM: ANADOLU UNIVERSITY CASE C. Guler, E. Guler, H. Sonmez	4535
EDUCATION AND POLITICAL PARTICIPATION OF WOMEN: THE CASE OF PORTUGAL F. David, J. Morais, R. Abreu, L. Marques, L. Segura	4536
MATH MYSTERY BOX: LEARNING MATHEMATICS BY PLAYING N. Casas Bernas, D. Ballesteros Alvarez	4546
REORGANIZATION OF THE RUSSIAN UNIVERSITIES AS THE DIRECTION OF THE IMPLEMENTATION OF THE NEW STRUCTURE OF HIGHER EDUCATION E. Platonova, M. Mysarskiy, O. Fedotova, O. Igumnov, J. Bogomolova	4555
PROBLEM SOLVING THROUGH LIMIT-CASE ANALYSIS: EXPERIENCE IN TEACHING ELECTRICAL ENGINEERING PROGRAMMES F. Milano	4565
GAME DESIGN OF A VIDEO GAME ON FRACTIONS CONCEPT LEARNING IN ELEMENTARY SCHOOL STUDENTS S. Cyr, M. Riopel, P. Charland	4575
CROA: A LEARNING OBJECT DESIGN AND CREATION METHODOLOGY TO BRIDGE THE GAP BETWEEN EDUCATORS AND REUSABLE EDUCATIONAL MATERIAL CREATION C. Sanz, F. Barranquero, L. Moralejo	4583
CLASSIFICATION AND MAPPING OF LEARNING OBJECTIVES TO APPROPRIATE LEARNING MATERIALS S. Das, P. Dey, A. Basu	4593
JUST LET THE STUDENTS TALK: A DIFFERENT MATHEMATICS TUTORIAL EXPERIENCE A. D'Arcy-Warmington	4597
TEACHER TRAINING - ANALYSIS, REFLECTIONS, FUTURE RESEARCH DIRECTIONS I.R. Herman	4603

THE RELATIONSHIP BETWEEN RESULTS ON "MSLQ" AND ACADEMIC PERFORMANCE IN DIFFERENT SUBJECTS OF PHYSIOTHERAPY STUDIES IN A SPANISH UNIVERSITY I. de Oliveira, G. Rodríguez-Fuentes	4612
USING ENTREPRENEURSHIP EDUCATION TO ENHANCE ENTERPRISING SKILLS OF STREET VENDORS IN DURBAN C.N. Ngwane	4618
THE INVOLVEMENT OF UNIVERSITY STUDENTS IN NON-COMPULSORY EDUCATIONAL ACTIVITIES BASED ON ACTIVE METHODOLOGY G. Rodríguez-Fuentes, I. de Oliveira	4625
EXPLORING THE USE OF "I-LEARN" PLATFORM FOR MULTI-DISCIPLINARY TEACHING OF BUILT ENVIRONMENT PROGRAMMES R. Mahbub	4630
PROMOTING INNOVATIONS IN LANGUAGE TEACHING AND LEARNING: A CASE STUDY C.N. Ngwane	4637
ASSESSING THE EFFECTIVENESS OF TEACHING AND LEARNING METHODS FOR BUILDING INFORMATION MODELLING (BIM) MODULE R. Mahbub	4643
ERASMUS EXPERIENCE BETWEEN THE UNIVERSITY OF CADIZ (SPAIN) AND THE UNIVERSITY OF ALGARVE (PORTUGAL) I. Laiz, P. Relvas, T.A. Plomaritis, E. Garel	4649
MODEL OF ADAPTING THE DMAIC METHODOLOGY FOR IMPROVING THE QUALITY OF PRESCHOOL EDUCATION IN ROMANIA L.G. Popescu, M.V. Zerbes	4654
FLIPPED CLASSROOM USING GAMIFICATION T. Matsumoto	4662
REFLEXIVE MONITORING THROUGH VIDEO REFLECTION: INCREASED DISCURSIVE AWARENESS IN TEAM MANAGERS OF A YOUTH CARE PROTECTION AGENCY A.E. Bunders, M. Dinkgreve, J.E.W. Broerse, B.J. Regeer	4666
ONLINE MENTORING AT OPENCLASSROOMS: FEEDBACK AND FIRST RESULTS N. Cernecka	4676
SOFT SKILLS DEVELOPMENT IN THE COURSE OF SPATIAL INFORMATION SYSTEMS DESIGN AND APPLICATION A. Moscicka, A. Zwirowicz-Rutkowska	4677
SOME CONFLICTS DURING THE PASSAGE FROM BACHELOR TO MASTER STUDIES <i>G. Baerwolff</i>	4687
CLIL AND CORPUS LINGUISTICS: A PERFECT MATCH G. Carloni	4691
ANALYSIS AND TEACHING IMPROVEMENT IN THE COMPUTER SCIENCE SUBJECT OF THE MATHEMATICAL DEGREE G. Bárcena-González, M.P. Guerrero-Lebrero, E. Guerrero, J. Pizarro, P.L. Galindo	4692
TEST OF INNOVATIVE ENVIRONMENTAL EDUCATION METHODOLOGIES IN TUSCANY	4697
L. Massetti, L. Pellegrino, G. Rossini, F. Ugolini, B. Finato, C. Leuzzi, F. Martelli, A. Kovacova	
HOW TO TEACH ADVANCED COURSES IN MULTIDISCIPLINARY AREAS? A. Teixeira, M. Rodrigues, M. Silva	4705
PLAGIARISM AND ANTI-PLAGIARISM IN EDUCATION AND SCIENCE I. Abakumova, P. Ermakov, O. Fedotova, V. Latun	4714
ON THE USE OF AUDIOVISUAL RESOURCES TO MOTIVATE FIRST-YEAR STUDENTS IN THE SUBJECT OF PHYSICS I. Laiz, I. Mora-Pérez	4720
EXPLORING THE FIELD OF COMPUTATIONAL THINKING AS A 21ST CENTURY SKILL	4725
S. Bocconi, A. Chioccariello, G. Dettori, A. Ferrari, K. Engelhardt, P. Kampylis, Y. Punie	
MATHEMATICS ENGAGEMENT BY E-LEARNING THROUGH LMS HOSTED TUTORIAL S. Kigundu	4734

MOBILE AUGMENTED REALITY SYSTEM APPLY TO DESCRIPTIVE GEOMETRY LEARNING	4741
E. Gutiérrez de Ravé, F.J. Jiménez-Hornero, A.B. Ariza-Villaverde, J. Taguas-Ruiz	
MANAGING AND ASSESSING TEAM PROJECTS IN ECONOMETRICS A. Lopez-Menendez, R. Perez-Suarez	4752
GAME BASED LEARNING OF THE SPANISH LANGUAGE: PRINCIPLES AND EXPERIENCE O. Klimchak, V. Fatkhutdinova	4760
EXPANDING OPPORTUNITIES FOR STUDENT SUCCESS: THE ADVANTAGES OF DIVERSIFYING INSTRUCTION AND ASSESSMENT IN ONLINE COURSES G. Cicco	4764
AUGMENTED REALITY AND GENERATIVE DESIGN. A TOUR THROUGH PRINT MEDIA FOR DESIGNING AND REPRESENTING ARCHITECTURE P.M. Jimenez Vicario, M.A. Ródenas López, M. Serrano Martínez, M. García Córdoba, M. Mestre Martí, D. Ros Mcdonnell	4769
INTERACTION DESIGN IN A CONTEXT OF REHABILITATION P. Høgh, M. Lykke, P. Missel	4778
PEDAGOGICAL DIAGNOSTICS AS A MEANS OF DEVELOPMENT OF PRESCHOOL CHILDREN J. Petrová	4786
NEW TECHNOLOGICAL POSSIBILITIES IN FUTURE TEACHERS' EDUCATION OF MATHEMATICS L. Honzik, J. Hora, V. Kohout	4794
E-LEARNING IN AN EXTENDED PROGRAMME CLASSROOM IN A RURAL AFRICAN UNIVERSITY J.D. Valiathazhel	4804
A SAMPLE STUDY ON THE DISTRIBUTION OF INDIAN SCHOOL CURRICULA OVER BLOOM'S COGNITIVE DOMAIN CATEGORIES S. Das, A. Basu	4811
THE INFLUENCE OF ADOLESCENTS' ABILITIES TO REGULATE EMOTIONS AND THEIR BELIEFS ABOUT BEING ABLE TO REGULATE EMOTIONS ON SCHOOL PERFORMANCE L. Di Giunta, C. Pastorelli, E. Thartori, C. Lunetti, M.C. Miranda, D. Bacchini, F. D'Amico, F. Sorbara,	4818
F. Fiandra, J.E. Lansford	
THE ROLE OF THE SURVEY FORMS IN IMPROVING THE QUALITY OF STUDENTS HIGHER EDUCATION ILLUSTRATED WITH AN EXAMPLE OF THE FACULTY OF ARCHITECTURE, SILESIAN UNIVERSITY OF TECHNOLOGY IN GLIWICE A. Pancewicz	4828
UNDERGRADUATE TRANSITION PROBLEMS AND HOW TO ADDRESS THEM $M.\ Ward$	4836
MATHEMATICS HOMEWORK: YES OR NO? R. Krpec	4845
SCHOOL WORLD: DISCOVERIES AND LOSSES OF THE MIGRANT CHILD L. Rupsiene, A. Batuchina	4854
THE ROLE OF EDUCATION IN POVERTY ERADICATION AND ECONOMIC DEVELOPMENT M. Liu, H. Ling	4864
TOWARDS MOOC BASED TRAINING PROGRAMS FOR SMALL AND MEDIUM SIZE ENTERPRISES J. Harjamäki, J. Leppäniemi	4873
INTERACTIVE TECHNOLOGY THROUGH GROUP LEARNING FOR EXPERIMENTAL CHEMICAL LEARNING S. Fdez-Ortiz de Vallejuelo, A. Gredilla, A. de Diego, J.M. Madariaga	4880
DIGITAL LEARNING ECOSYSTEM SERVICES AND EDUCATIONAL CHANGE IN GHANA'S BASIC SCHOOLS J.S. Quaicoe, K. Pata, E. Jeladze	4887
STUDENTS MAKE SERIOUS GAMES FOR RAISING ENVIRONMENTAL AWARENESS OF THE LOCAL COMMUNITY F. Ugolini, L. Massetti, L. Pellegrino, G. Rossini, A. Raschi, B. Finato	4896
TECHNOLOGY AND THE YOUTH OF THE GENERATION Z: A CASE STUDY OF COLLEGE STUDENTS AT A LAW SCHOOL R. Sobral	4905

EFFECTIVE SKILLS TRAINING FOR EFL STUDENTS THROUGH RECIPROCAL INTERPRETATION AND TRANSLATION E. Einum	4915
AUGMENTING SELF-REGULATED LEARNING WITH TEMPORALLY-FRAMED EXPERTISE ASSESSMENT (TEA) M. Thinyane, B. Masikisiki	4922
DEVELOPMENT OF AN AUTOMATIC PLOTTER FOR GENERATING EXERCISES FOR STATICS COURSE IN ENGINEERING J. Restrepo Ochoa, J. Barbosa Pérez, J. Arenas Berrio	4929
ASSESSMENT OF TEAMWORK COMPETENCE THROUGH AN EVALUATION RUBRIC N. Castilla, J. D. Segrelles, A. Martinez	4939
IMPROVING LEARNING FOR 2D VECTORS ADDITION BY THE APPLICATION OF INFORMATION & COMMUNICATION TECHNOLOGY IN HIGH SCHOOL Y. Benítez Trejo, J. Orozco Martínez	4946
COUPLING PERSONA MAPPING AND PERSONALIZED TECHNOLOGY SUPPORTED LEARNING IN A COMMUNITY SKILLS DEVELOPMENT CONTEXT B. Masikisiki, M. Thinyane	4954
EDUCATION FOR SUSTAINABILITY AS A CHALLENGE FOR TOURISM STUDIES IN SPAIN. A CASE STUDY I. Carrillo-Hidalgo, J.I. Pulido-Fernández, P.J. Cárdenas-García	4963
COGNITIVE ARCHITECTURE FOR EMBODIED CONVERSATIONAL AGENT: APPLICATION ON VIRTUAL LEARNING ENVIRONMENT B. Nakhal, E. Bevacqua, B. Said, R. Querrec	4973
ALGORITHMS AND INITIAL PROGRAMMING: DIFFERENT PUBLIC, DIFFERENT TEACHING-LEARNING? R. Sobral	4984
THE STUDY OF METHODOLOGY TO FORECAST NEW EMERGING JOBS RELATED TO FUTURE ISSUE J. Kim, J. Lee	4990
READINESS OF STUDENTS TO TEACHING INNOVATION E. Panulinová, M. Kozlovská, R. Bašková	4997
APPLICATION OF EDUCATIONAL INNOVATION STUDY PROGRAM AT THE FACULTY OF CIVIL ENGINEERING IN KOŠICE R. Bašková, E. Panulinová, Z. Struková	5002
GOOD REST AND MOOD CAN IMPROVE ACADEMIC ACHIEVEMENT M.P. Jara Jiménez, P. Flor Arasil, J. Rosel Remírez, F. Herrero Machancoses, O. Ventura Ribes	5009
PROCESSING INFORMATION IN THE IDENTIFICATION OF STUDIES DROPOUT FACTORS AT MIDDLE HIGH SCHOOL IN MEXICO S.B. González-Brambila, J. Figueroa-González	5014
SENIORS INCLUSION IN THE INFORMATION SOCIETY B. Mannova	5023
AUTO-PRODUCED TEXTBOOKS: DIFFERENT APPROACHES FROM THE ANALYSIS OF THE EXPERIENCE OF INNOVATIVE ITALIAN SCHOOLS A. Anichini, S. Chipa, L. Parigi	5029
THE DISTANCE EDUCATION AND THE VIRTUAL INSTRUMENTS OF MEDIATION IN THE LEARNING THEORIES CONCEPTIONS E.S. Perin, L.R.N. Santos, M.C. Duarte Freitas, A. Kemczinski, G.G. Menezes	5037
TEXTURES AND KANSEI ENGINEERING FOR INNOVATIVE DESIGN OF WOOD BOARDS: BUSINESS, EDUCATION AND PUBLIC FUNDING RESEARCH J. Alarcón Castro, A. Barra Salazar, L. Galleguillos Peralta, M. Lecuona López	5045
DOES THE QUALITY AND QUANTITY OF EXAM REVISION IMPACT ON STUDENT SATISFACTION AND PERFORMANCE IN THE EXAM ITSELF?: PERSPECTIVES FROM UNDERGRADUATE DISTANCE LEARNERS S. Cross, D. Whitelock, J. Mittelmeier	5052
MOTIVATION AND SATISFACTION IN CONTEXT OF JOB TRAINING IN TOURIST ORGANIZATIONS R. Amaral, F. Jorge, S. Rocha, M. Saraiva	5062
BURNOUT SYNDROME AMONG RESIDENTS IN OBSTETRICS AND GYNECOLOGY M. Iorga, R. Socolov, D. Socolov	5074
MULTILINGUAL LEARNING THROUGH MOOCS R. Kerr, R. De Rosa, I. Merciai	5081

LANGUAGE COMPETENCE OF ROMA CHILDREN UPON ENTERING TO SCHOOL M. Čerešníková, R. Rosinský, M. Samko, K. Vanková	5089
MODELMAKER, A MULTIDISCIPLINARY WEB APPLICATION TO BUILD QUESTION GENERATOR MODELS FROM BASIC TO HIGHER EDUCATION J. Camejo, A. Silva, L. Descalço, P. Oliveira	5095
THE DIMMER PROJECT USER AWARENESS: INNOVATIVE GAMIFICATION APPROACH THROUGH AUGMENTED REALITY F. Semeraro, F. M. Ugliotti, A. Osello, M. Del Giudice, N. Rapetti	5104
HOW SOCIAL INFLUENCE AFFECTS NONEXPERTS' SELF-LEARNING OF HARD CONTENT AND TAG QUALITY? K.H. Eric Tang	5113
EFFECT OF COMPUTER BASED VISUALIZATION ON MOTIVATION OF THE LEARNING PROCESSES R. Bilbokaite	5115
DOUBLE APPROACH TO COMPETENCIES EVALUATION IN ELECTRICITY A. Perez-Navarro, A. Borrell, J.C. Pellitero, L. Servera	5122
LEARNING ENGLISH THROUGH 3D-PRINTING: A CASE STUDY WITH ENGINEERING AND DESIGN STUDENTS IN HIGHER EDUCATION M. Gaspar, M. Régio, M. Morgado	5132
RECONSTRUCTING DREADNOUGHTUS SCHRANI: A CINEMATIC VIRTUAL REALITY USE CASE IN PALEONTOLOGY EDUCATION V. Feldman, N. Jushchyshyn, M. Wagner	5139
TOWARDS BILINGUAL TEACHING IN HIGHER EDUCATION N. Hurtado, E. Guerrero, E. Romero, F. Rubio	5148
COMPARATIVE LEARNING ASSESSMENT BETWEEN TRADITIONAL TEACHING AND TEACHING BASED ON MOBILE DEVICES F. Velázquez, D. Caldera	5155
INTERVENTIONS ON LEARNING, STIMULATED BY THE USE OF TEXT-BASED STUDENT RESPONSE SYSTEM T.M. Thorseth, K.B. Dille, G.A. Stoica, M.S. Kahrs	5161
COMMUNITY-BASED LEARNING AND INDUSTRY COLLABORATION: TAKING HANDS TO MAKE A DIFFERENCE N. Holtzhausen	5165
PRACTICAL TRAINING ON BIOPHYSICS ORIENTED TOWARDS PROBLEM-BASED LEARNING K. Kozlikova, S. Sivčo, D. Kosnac	5175
EMPOWERING AND BUILDING KNOWLEDGE WITH TECHNOLOGIES AND EMERGING MODELS OF LEARNING N. Gomes, M.J. Hernández-Serrano	5179
PREFERENCES OF THE UNDERGRADUATE STUDENTS OF THE "FINANCE AND ACCOUNTING" AT THE UNIVERSITY OF GDANSK IN THE FIELD OF FURTHER EDUCATION PATH E. Spigarska, E. Majerowska	5189
INSTRUCTOR SUPPORT FOR GAMIFYING STEM COURSES A. Alvarado-Beltran, R. Vemuri, J. Perry, D. Dicheva, K. Irwin, C. Dichev	5198
FOSTERING REFLECTIVE PRACTICE AROUND RRI IN AN ONLINE COURSE FOR INSERVICE STEM TEACHERS S. Alcaraz-Dominguez, M. Barajas	5199
THE SOCIAL REPRESENTATIONS OF (GREEN) CHEMISTRY AND ROBOTICS AMONG TEENAGERS: AN EXPLORATORY STUDY L. Moreira, H. Vieira, C. Morais, A. Sousa, H. Costa, J. Paiva	5209
TEACH FOR SKILLS E. Etxeandia Romero, E. Mas Mir	5215
INTEGRATION OF THE COMPETENCY "KNOWLEDGE OF CONTEMPORARY ISSUES" IN THE SUBJECT ARCHITECTURAL DESIGN: LEARNING PROCESS BASED ON SOCIAL LEARNING	5224
J. Tuset, J.F. Villanueva, A. Rovira, N. Lajara-Camirelli BIG DATA AND THE IMPACT ON E-LEARNING PLATFORM: A CASE STUDY	5232
A. Molinari, P. Bouquet	

EFFECTIVE LEARNING ENVIRONMENT DURING THE LESSONS IN THE PERSPECTIVE OF DATA FROM EXTERNAL EVALUATION H. Gemza, A. Kostrubała-Brak	5241
THE USE OF POPULAR CINEMA IN THE CLASSROOM: A PROPOSAL FROM HISTORY OF GENDER AND CULTURAL STUDIES THROUGH THELMA AND LOUISE (RIDLEY SCOTT, 1991) A. Rincón	5249
ENHANCING LEARNING OUTCOMES THROUGH EDUCATIONAL LIVE ACTIVE ROLE PLAYING (LARP) WITHIN ENTREPRENEURSHIP CURRICULA T. Gruber-Muecke	5259
TOWARDS SMART & INCLUSIVE SOCIETY: BUILDING 3D IMMERSIVE MUSEUM BY CHILDREN WITH COGNITIVE DISABILITIES M. Gea, X. Alaman, P. Rodriguez, V. Martinez	5260
MODELING INDIVIDUAL DIFFERENCES AMONG WRITERS USING READERBENCH L. Allen, M. Dascalu, D. McNamara, S. Crossley, S. Trausan-Matu	5269
TRAINING HEALTH PROFESSIONALS TO PREVENT HIV AND SYPHILIS VERTICAL TRANSMISSION. A COLLABORATION BETWEEN THE CIVIL SOCIETY, THE MINISTRY OF HEALTH, AND THE ACADEMY L. Magaña-Valladares, L. Ojeda-Claro, C. Rosas-Magallanes, E. López-Uribe	5280
COMPUTER BASED VISUALIZATION IN THE CONTEXT OF COGNITIVE AND SOCIAL EDUCATIONAL CONSTRUCTIVISM R. Bilbokaite	5282
VALIDATION PROCEDURES FOR ENTREPRENEURIAL COMPETENCIES – HOW HIGHER EDUCATION INSTITUTIONS (HEI) MEASURE AND EVALUATE TACIT KNOWLEDGE T. Gruber-Muecke	5289
INNOVATIONS IN TEACHING ADMINISTRATIVE LEGAL DOCUMENTS TRANSLATION I. Meshkova, O. Sheremetieva	5290
USING DATA MINING FOR ASSESSING STUDENTS INTERACTION WITH SOCIAL MEDIA IN HIGHER EDUCATION: THE CASE OF USING LEARNING ANALYTICS WITHIN THE CURRICULUM G. Dafoulas, J. Loveday	5294
DIVERSITY ISSUES AND HEALTH EDUCATION WITHIN THE ETHNIC MINORITIES IN BULGARIA P. Trendafilova, A. Vodenitcharova, A. Kehayov	5295
MOTIVATIONAL FACTOR OF DIGITAL SKETCHING IN INDUSTRIAL DESIGN EDUCATION E. Akyol	5300
THE ROLE OF HES WITHIN THE EVOLUTION OF THE BUSINESS SECTOR C.V. Hapenciuc, R. Bejinaru, C. Roman, D.M. Neamtu	5309
USE OF ICT TOOLS AND THEIR EFFECT ON TEACHING AND LEARNING; STUDENTS' AND INSTRUCTOR'S VIEWS C. Cigdemoglu, H. Akay	5318
DEVELOPMENT AND IMPLEMENTATION OF E-PORTFOLIOS FOR STUDENTS IN NUTRITION AND DIETETICS DEGREE DURING THEIR PRACTICUM M. Urpi-Sarda, M. Illan, X. Torrado, M.A. Lizarraga, C. Andres-Lacueva, A. Farran-Codina, R. Llorach, C. Amat	5323
LINKING THEORY WITH PRACTICE – PERSPECTIVE IN PREPARING OF VOCATIONAL SCHOOLS STUDENTS IN SLOVAKIA S. Treľová, F. Olšavský	5330
DEVELOPING A SHORT-TERM MEMORY INTERVENTION PROGRAMME FOR SECOND-LANGUAGE LEARNERS: CAN IT ENHANCE WORD READING AND SPELLING ABILITIES? A. van Staden	5339
ROBOTICS AND TECHNOLOGICAL INNOVATION AT SCHOOL J. Amorim, F. Santos, M. Silva Santos, G. Cavalcanti, C. Resende	5348
ASSESSING THE ROLE OF OPTICAL HEAD-MOUNTED DISPLAYS IN EDUCATION: AN INVESTIGATION OF GOOGLE GLASS IN CREATING LEARNING PORTFOLIOS AND PROVIDING FEEDBACK G. Dafoulas, C. Maia, M. Loomes	5357

INSTRUCTOR'S VIEWS ON DIGITALIZATION OF CAMPUS; ROLES AND RECOMMENDATIONS C. Cigdemoglu, H. Akay, Y. Tekin	5358
M@T-EDUCATE WITH SUCCESS PLATFORM AS AN INTERACTIVE DIGITAL EDUCATIONAL RESOURCE: THE PERCEPTION OF THE TEACHER I. Araújo	5363
CAN WE START WITH BIOPHYSICS AT THE SAME POINT FOR ALL STUDENTS? V. Haverlikova, K. Kozlikova	5370
DEVELOPMENT OF A CONTEXT-AWARE MOBILE LEARNING APPLICATION TO SUPPORT MIGRANT LEARNERS IN VOCATIONAL EDUCATION AND TRAINING (VET) S. Vaupel	5375
LEARNING WITH MOBILE DEVICES: THE CHANGING PLACE AND SPACE OF DISTANCE LEARNERS' STUDY S. Cross, M. Sharples, G. Healing	5385
LEARNING BASIC DESIGN WITH VIRTUAL REALITY: A METHODOLOGICAL APPROACH A. Neves, L. Niemeyer, E. Duarte, D. Dias, H. Ayanoglu, L. Teixeira, M. Saraiva, F. Martins	5394
A SOCIO-TECHNICAL APPROACH TO UNDERGRADUATE COMPUTER SCIENCE STUDENT DEVELOPMENT M. Mejias, K. Jean-Pierre, G. Washington, L. Burge	5403
MENTAL AND SOCIAL REPRESENTATIONS ON GENDER EQUALITY A.M. Winfield-Reyes, A.E. Moreno-Cervantes, Y.I. Jiménez Galán	5414
IN SEARCH OF THE BEST PEDAGOGY IN TEACHING ARCHITECTURE AND URBAN PLANNING A. Kepczynska-Walczak	5420
ACADEMIC EDUCATION AND JOB MARKET: A STUDY OF THE UNDERGRADUATES' ENTREPRENEURIAL NEEDS AND EXPECTATIONS A.M. Cozgarea, C. Samantzis	5430
HOW TO TEACH BUSINESS IN ENGLISH UNDER THE BOLOGNA FRAMEWORK? TIME-SAVING STRATEGIES AND RESOURCES TO ENHANCE STUDENT INVOLVEMENT AND PARTICIPATION J. Martinez del Rio, V. Membrive	5431
CURRICULAR CHANGES IN ENVIRONMENTAL EDUCATION IN PRESCHOOL M.F. García-Patiño, C.G. Alemán-Aguilar, L.M. Montoya-Chávez, L.D. Alemán-Aguilar	5432
EMPLOYING EDUCATIONAL VIDEO IN SPEECH-LANGUAGE TELEREHABILITATION WITH CHILDREN: INSIGHTS FROM INTERVIEWS WITH PARENTS D. Plantak Vukovac	5435
PERSONAL SOCIAL NETWORKS AND THEIR RELATIONSHIP TO EDUCATION IN A PRIMARY SCHOOL OF RIO GRANDE DO NORTE-BRAZIL B. Lopes Da Silva, M.A. Calle Aguirre, M.J. Xavier Aguirre, V. Bezerra de Lima, G.K. de Medeiros Carvalho	5445
THE USE OF AUTHENTIC SPOKEN DISCOURSE IN BUSINESS MEETINGS OF NON-NATIVE ENGLISH SPEAKERS IN EDWARDS COLLEGE, PAKISTAN AND HOW IT IS TAUGHT IN BUSINESS ENGLISH (BE) TEXT BOOKS AT COVENTRY UNIVERSITY, UNITED KINGDOM: A DETAILED CASE STUDY N. Fardows, D. Nayer, R. Mariam, S. Nayer	5451
TRAFFIC ACCIDENT SIMULATION SYSTEM FOR TRAFFIC SAFETY EDUCATION BASED ON MIXED REALITY ENVIRONMENT S. Togawa, S. Tsujioka, H. Hirose, T. Naka, A. Takeda	5458
TEACHING AND LEARNING OF THE CORRECT USE OF AGROCHEMICAL, EMPLOYING AN INTEGRAL DOCENT STRATEGY J.A. Carmona, R. Florêncio da Silva, I. Mejía-Centeno, E. Sanchez Ortiz, P.J. Gutiérrez-Yurrita, L.A. García Serrano	5464
INTEGRATING LEARNING ANALYTICS IN A DIGITAL GAME-BASED LEARNING ENVIRONMENT A.A. Cariaga, R. Feria	5469
CREATIVE USE OF TECHNOLOGY FOR PROJECT-BASED LEARNING ASSIGNMENT S. Kerimkulova, X. Belova, K. Kozhabayeva, R. Syzdykbayeva, A. Myrzabayeva, S. Ospanova	5478
PILOT PROJECT ON PRE-DEPARTURE TRAINING FOR LLP AND ERASMUS + TRAINEESHIPS V. Membrive, J. Martinez del Rio	5484

WEBLEARNING BOOKS AND ENGINEERING EDUCATION: CHALLENGES AND OPPORTUNITIES ON TEACHING MANUFACTURING PROCESSES M. Gaspar	5489
A GRADUATE'S PURSUIT OF HAPPINESS M. Dawson	5498
INVERTED CLASSROOM AND COLLABORATIVE STUDENT ENGAGEMENT IN ORDER TO IMPROVE THE LEARNING OF GAUSS 'S LAW J. Brás Barreto de Oliveira	5508
IMMERSIVE CODING: INNOVATIVE TOOLS AND FORMATS FOR LARGE-SCALE CODING EVENTS A. Bogliolo, S. Delpriori, L. Klopfenstein, B. Paolini	5510
PRISON BASED INFORMAL LEARNING THROUGH SPEED LITERACY PROGRAM AND ITS IMPACT ON THEIR PSYCHOLOGICAL OUTCOMES M. Maqsood, N. Mansoor	5517
USING WEARABLES TO GAUGE LEVEL OF FITNESS OF STUDENTS IN THE UAE H. Helal, H. Ibrahim, S. Irshad, I. Zualkernan	5518
THE DISTANCE EDUCATION CURRENT SCENARIO IN BRAZIL: THE CHALLENGES INTO THE TUTORS PERCEPTION A. Fornari Dalfovo, E. Coimbra de Araújo, R. Eduardo Cunha de Oliveira	5528
AN IOT BASED SCHOOL BUS TRACKING AND MONITORING SYSTEM E. Badawy, A. Elhakim, A. Abdulhmeed, I. Zualkernan	5537
EVALUATING CLASSROOM ACTIVITIES USING LOW-COST SENSORS AND IOT TECHNOLOGIES A. Mohammed, L. El Hiny, S. Asal, I. Zualkernan	5547
RELATION BETWEEN STUDENTS' REFLECTION LEVELS AND THEIR INQUIRY LEARNING OUTCOMES M. Mäeots, L. Siiman, K. Kori, M. Pedaste	5558
CREATING AN ONLINE ORAL HISTORY ARCHIVES FOR ASIANS IN AMERICA: E- LEARNING EXPERIENCE IN GLOBAL MIGRATION STUDIES AND THE CREATION OF THE WAYNE MAEDA ORAL HISTORY ARCHIVES J. Sobredo	5565
ADAPTATION OF AN OUTSOURCING BUSINESS MODEL IN EDUCATIONAL SECTOR E. Platonova, O. Fedotova, J. Bogomolova, M. Musarskiy, O. Igumnov	5569
MINDS ON - TEACHERS KNOWLEDGE SHARING A. Vieira de Castro, C. Martins, L. Faria, P. Peres	5576
STUDENTS' PERSPECTIVES ON THE USE OF ICT AT OUR UNIVERSITY OF APPLIED SCIENCES M. Baas	5586
DESIGN AND IMPLEMENTATION OF A STRUCTURED ADAPTIVE INDIVIDUALIZED LEARNING SYSTEM (SAILS) TO ASSIST IN THE SUCCESSFUL MATRICULATION OF STUDENTS IN COMPUTER SCIENCE K. Jean-Pierre, M. Mejias, G. Washington, L. Burge	5587
DISCUSSING DISCUSSIONS: ONLINE INSTRUCTOR BEST PRACTICES T. Avery	5594
FROM THEORY TO PRACTICE: AN EVALUATION OF THE IMPACT OF A WORK INTERNSHIP D. Powles, D. Phillips	5605
INTERIOR DESIGN FOR THE NEWLY MARRIED DWELLERS - PROPOSAL PROJECT LINKING ACADEMIA WITH SOCIETY G. Elsayed Ali Elsamanoudy	5606
FEASIBILITY OF APPLYING INTERNATIONAL ACCREDITATION TO THE INTERIOR DESIGN PROGRAM N. Sami AbdelAziz Mahmoud	5614
WIKI-BASED BLENDED INTERNET LINGUODIDACTICS: ASSIGNMENTS FOR ESP AND TRANSLATION STUDIES TEACHING I. Vasilyeva	5622
WIKI-BASED BLENDED INTERNET LINGUODIDACTICS: COLLABORATIVE GROUP PROJECT I. Vasilyeva	5632

AN EVIDENCE-BASED AND INDIVIDUALIZED BLENDED TRAINING PROGRAM TO ASSIST HIGH PERFORMANCE STUDENT ATHLETES IN DEVELOPING WELL-BEING AND MENTAL TOUGHNESS SKILLS AND OPTIMIZING ACADEMIC AND SPORT GOALS A. Du Plessis	5640
A CAMPUS-WIDE PEER MENTORING SYSTEM WITH WELLNESS-BASED FACE-TO-FACE MENTORING SESSIONS, PERSONALIZED AND GAMIFIED DEVELOPMENTAL WELLNESS WEBSITES FOR MEMBERS, AND A SOPHISTICATED TRACKING SYSTEM A. Du Plessis	5651
IS THE VARK A LARK?: A COMPARISON OF COLLEGE FRESHMAN SEMINAR STUDENTS' LEARNING/STUDYING PREFERENCES K. Murphy, A. Stoerback, L. Cimino	5661
LEARNING TO PLAY: GAMIFICATION OF SUSTAINABILITY E. Polyak	5664
WHOSE ONLINE EXPERIENCE IS IT ANYWAY? AN AESTHETIC RESPONSE THEORY APPLIED TO ONLINE LEARNING SPACES J. Green	5669
CAPSTONE PROJECTS IN STEM EDUCATION: NOVEL TEACHING APPROACHES, MENTORING AND KNOWLEDGE MANAGEMENT FOR EMPOWERING STUDENTS P. Papadopoulou, M. Lytras, C. Marouli	5675
DESIGN GUIDELINES FOR MASSIVE OPEN ONLINE COURSES (MOOCS) IN STEM: METHODOLOGICAL CONSIDERATIONS TOWARDS ACTIVE PARTICIPATORY TEACHING AND LEARNING C. Marouli, M. Lytras, P. Papadopoulou	5686
EXPERIENCE AND EXPRESSION THROUGH MUSIC AND IMAGERY IN ARTS EDUCATIONAL STUDIES 1. Ruokonen	5694
APPLICATION OF PROBLEM-BASED LEARNING TO ENGINEERING TEACHING M.D. Víctor-Ortega, D. Airado-Rodríguez	5695
COOPERATIVE LEARNING FOR TECHNOLOGY TEACHING AT UNIVERSITY LEVEL M.D. Víctor-Ortega, D. Airado-Rodríguez	5699
NET2PLAN-UTN: AN EDUCATIONAL TOOL FOR MODELING AND PLANNING URBAN TRANSPORTATION NETWORKS P. Jiménez, M.V. Bueno-Delgado, P. Pavón-Mariño	5702
THE CHALLENGES OF HES-HIGHER EDUCATION SYSTEM WITHIN THE KNOWLEDGE ECONOMY BASED ON COMPETITIVENESS C.V. Hapenciuc, R. Bejinaru, C. Roman, D.M. Neamtu	5712
TEACHER EMOTIONAL SUPPORT AND COOPERATIVE LEARNING: THE IMPACT ON ACADEMIC PERFORMANCE K. Yeung	5719
E-LEARNING INNOVATION IN ETHIOPIAN HIGHER EDUCATIONAL INSTITUTIONS: CASE STUDY OF MADAWALBU UNIVERSITY S. Berhe, C. Yoshida	5720
GENDER, LEARNING STYLES AND PERFORMANCE OF 1ST YEAR ARCHITECTURE STUDENTS: FIRST STAGE OF A LONGITUDINAL STUDY O. Fulani, O. Alagbe, P. Aderonmu, F. Jegede, B. Adewale	5730
DOES ENGINEERING GRAPHICS AND DESIGN SCHOOL BACKGROUND MATTER IN SPATIAL SKILL'S DEVELOPMENT AMONG UNIVERSITY PRE-SERVICE TEACHERS IN THE SUBJECT TECHNOLOGY? S. Khoza	5737
VIDEO AS RESOURCE FOR TEACHING AND LEARNING IN HIGHER EDUCATION: PRELIMINARY RESULTS OF PORTUGUESE UNIVERSITY STUDENTS' PERCEPTIONS P. Vaz-Rebelo, S. Santos, M. Meletiou-Mavrotheris, M. Riska, R. Santos, P. Tenhonen, G. Bidarra, C. Barreira	5745
DEVELOPING A MULTIMEDIA GUIDE TO PROMOTE VIDEO AS RESOURCE FOR TEACHING AND LEARNING IN HIGHER EDUCATION: THE RELOBIE PROJECT P. Tenhonen, P. Vaz-Rebelo, M. Meletiou-Mavrotheris, M. Riska, S. Santos, M. Sundstrom, M. Costa, R. Santos, K.H. Gudmundsdottir, L. Pilt	5746
A PROGRAM OF TELEMENTORING IN ROBOTIC BARIATRIC SURGERY	5747

EFFECT OF A BLENDED LEARNING MODEL TO DEVELOP ETHICS COMPETENCE ON THE KNOWLEDGE OF PHYSIOTHERAPY STUDENTS TOWARDS LEARNING PROFESSIONAL ETHICS M. Aguilar-Rodriguez, E. Marques-Sule, N. Sempere-Rubio, S. Cortes-Amador, R. Faubel-Cava	5751
LEARNING FOR THE PREPARATION OF EXAMINATIONS OF ACCESS TO THE JUDICIAL AND FISCAL CAREER IN THE EUROPEAN UNIVERSITY OF VALENCIA C. de Paredes Gallardo	5758
DUAL EDUCATION - PUPILS ENFORCEMENT IN THE SLOVAK PRACTICE F. Olšavský, S. Treľová	5762
PODCASTING IN PRE-SERVICE LANGUAGE TEACHER EDUCATION S. Güler, Y. Özkan	5769
CREATING A VIRTUAL ENTERPRISE AS PART OF A BUSINESS GAME FOR ADAPTATION OF STUDENTS AND PEOPLE WITH SPECIAL NEEDS A. Khaperskaya, I. Zabrodina, O. Lutoshkina, I. Slesarenko, A. Bogdanova	5779
REALM-INDIVIDUAL PROCESS-SITUATION METHOD AS A LEARNING TOOL FOR PHYSIOTHERAPY STUDENTS	5784
M. Aguilar-Rodriguez, E. Marques-Sule, R. Faubel-Cava, S. Cortes-Amador, N. Sempere-Rubio SUCCESSFUL IMPLEMENTATION OF 21ST CENTURY LEARNING; AN EXPLORATION OF MOBILE AND BLENDED LEARNING C. Wilkinson	5789
THE CHALLENGES OF MODERN SCHOOL IN CONTEXT OF STUDENTS' PARTICIPATION IN THEIR OWN EDUCATION H. Gemza, A. Kostrubała-Brak	5790
ORACLE ACADEMY, BUILD YOUR FUTURE CAREER D. Gooris	5801
ORACLE ACADEMY, PREPARE YOUR FUTURE FROM TODAY D. Gooris	5802
CRIME PREVENTION IN TO THE EDUCATION PROCESS AT HIGH SCHOOLS A. Šiser, V. Šoltés, J. Kubás	5803
A SOLUTION TO WHATSAPP GROUPS OF PARENTS IN SCHOOLS C. Cisa	5809
THE PROMISE OF ACTION LEARNING PROGRAMS C. Acosta-Flamma	5810
IF IT QUACKS LIKE A DUCK: UNDERSTANDING SCIENCE VERSUS PSEUDOSCIENCE S. Charlton	5811
INTERACTIVE LEARNING WITH LEARNING CATALYTICS J. Flores, A. Sebastian	5812
SPECIFICITY OF PROFESSIONAL TRAINING FOR TOURISM MANAGERS G.N. Kutepova	5813
PROFESSIONAL TRAINING FOR TOURISM INDUSTRY: CHALLENGES AND OPPORTUNITIES O.A. Burukina, A.N. Yandovsky	5818
UNIVERSITIES AS MAJOR CONTRIBUTORS TO SOCIETIES' DEVELOPMENT O.A. Burukina, G.B. Kleiner	5826
EDUCATION SYSTEMS FOR INNOVATIVE ECONOMIES O.A. Burukina, S.E. Shchepetova	5830
TEACHERS' PROFESSIONAL DEVELOPMENT IN THE NEW EDUCATIONAL PARADIGM O.A. Burukina	5831
DEVELOPMENT OF CONTINUING EDUCATION IN RUSSIA. PROBLEMS AND PROSPECTS	5833
E.V. Martynenko, N.P. Parkhitko THE EMMA 5D'S MOOC FRAMEWORK	5839
L. Guàrdia, M. Maina	
ARE LEARNING ANALYTICS GOOD ENOUGH TO MONITOR STUDENT LEARNING? LEARN HOW THE EMMA PROJECT COPES WITH THE TRIANGULATION OF APPROACHES D. Arnold, E. Pantò	5840
REPRESENTING CULTURAL DIVERSITY IN A MASSIVE ENVIRONMENT. AN IMPOSSIBLE MISSION? R. De Rosa	5841

IS GOOGLE TRANSLATION THE BEST TRANSLATION MACHINE FOR YOUR MOOC TRANSLATION? WE KNOW THE ANSWER R. Kerr	5842
POSTPONEMENT BEHAVIOR AMONG NORWEGIAN STUDENTS IN THE LOWER SECONDARY SCHOOL M. Amundsen, P. Garmannslund	5843
THE ROLE OF EDUCATION IN AN INCLUSIVE INNOVATIVE ECONOMY A.M. Imafidon	5853
AUDIO LEARNING IN REMOTE VILLAGES C. Schmidt	5854
RESEARCHERS USE OF WEB 2.0 VERSUS CONVENTIONAL MEDIA: PERCEIVED ADVANTAGES AND DISADVANTAGES A. Ostermaier-Grabow, E. Steinhagen, S.B. Linek	5855
USING A DOCUMENT STORE FOR TEACHING AND RESEARCHING A CORPUS OF DICTIONARIES AND GRAMMARS OF CHINESE AND PORTUGUESE LANGUAGES A. Barros, M. Guimarães, O. Belo	5864
AN EXAMPLE OF PROBLEM-BASED LEARNING (PBL) FROM A COLLABORATIVE AND MULTIDISCIPLINARY APPROACH A. Baviera-Puig, C. Escribá-Pérez, J. Buitrago-Vera, F. Ramón-Fernández, L. Rivera-Vilas, B. Roig-	5873
Merino, E. Sigalat-Signes, J.V. Pons-Valverde	
A FRAMEWORK FOR PHENOMENOGRAPIC ANALYSIS AND CLASSIFICATION OF TROUBLESOME KNOWLEDGE IN THE ENGINEERING DOMAIN A. Maffei, P. Ferreira	5882
THE CURRENT STATE OF STUDENT ENGAGEMENT AT UNIVERSITIES. REVIEW OF IATED CONGRESS PAPERS (2011-2015) G. Aparicio, E. Catalán	5889
SHORT-TERM INTERNATIONAL MOBILITY EXPERIENCES FOR AUSTRALIAN ANIMATION STUDENTS C. Carter, M. Carter	5895
A TECHNICAL ARCHITECTURE FOR OPEN ACCESS EDUCATION E. Arenas, J. Costa, P. Berking, A. Barr	5900
FACTORS CONTRIBUTING TO POOR PERFORMANCE IN PHYSICAL SCIENCE IN GRADE 12 SECONDARY SCHOOLS IN MOTHEO DISTRICT M. Rankhumise	5909
THE OCCUPATIONAL BELIEFS OF PRE-SERVICE AND IN-SERVICE TEACHERS R. Naeem, A. Kazi, S. Manzoor	5910
EXIT TICKETS' EFFECT ON ENGAGEMENT IN COLLEGE CLASSROOMS J. Paz-Albo Prieto, A. Hervás Escobar	5915
TWO DIGITAL ENVIRONMENTS THAT SUPPORT TEACHING AND EDUCATIONAL INNOVATION IN HIGHER EDUCATION E. Peñalosa, H. Zavaleta	5919
DEVELOPING POLICE STUDENTS' PROFESSIONAL KNOWING THROUGH SCENARIO TRAINING: THE IMPACT OF PREPARATION, IMPLEMENTATION AND DEBRIEFING T. Söderström, S. Karp, D. Sjöberg	5930
THE APPROPRIATION OF ICT BY TEACHERS LAWYERS R. Carranza, V. Villa, M. De la Torre, A. Jiménez, C. Islas	5936
UTILIZATION OF A COHORT MODEL TO INCREASE GRADUATION AND COMPLETION RATES IN DOCTORAL RESEARCH PROJECTS E. Matthews	5943
OUR BODIES: COMPLICATED INTERSECTIONS OF PRIVILEGE AND MARGINALIZATION D. Vidale	5944
CURRICULUM DESIGN AND DEVELOPMENT: BEST PRACTICES IN POST- PROFESSIONAL GRADUATE PROGRAMS E. Matthews, C. McDaniel	5945
THE MODEL OF EDUCATIONAL QUALITY ASSURANCE IN VIETNAM NATIONAL UNIVERSITY – HO CHI MINH CITY V. Trinh	5947

PRE-SERVICE MIDDLE SCHOOL MATHEMATICS TEACHERS' FUNCTIONAL THINKING ABILITIES IN SOLVING PROBLEMS B. Barak, T. Kabael	5958
ENHANCE MILLENNIALS' MOTIVATION AND PERFORMANCE THROUGH INTERNAL COMPETITION A. Yadin	5959
AN EMPIRICAL INVESTIGATION OF STUDENTS' PERCEPTIONS OF SELF- REGULATED LEARNING IN ONLINE BLENDED LEARNING: A CASE STUDY OF A NOVEL E-LEARNING PLATFORM D.F.O. Onah, J.E. Sinclair	5960
EXPLORING THE MULTI-DIMENSIONAL ATTAINMENT OF SELF-REGULATORY LEARNING SKILLS IN EDUCATIONAL CONTEXTS: A COMPARATIVE STUDY D.F.O. Onah, J.E. Sinclair, E.L.L. Pang, M. Jantjies	5970
DESIGN CRITERIA FOR DIGITAL BOOKS FOR INDIVIDUALS WITH SPECIAL NEEDS: NEEDS OF HEARING IMPAIRED, VISUALLY IMPAIRED AND ORTHOPEDICALLY HANDICAPPED INDIVIDUALS H. Caliskan, A. Bozkurt, G.D. Dincer, E. Guler, S. Sezgin	5980
INTEGRATION OF MOOCS INTO ESP COURSES - CHALLENGES AND PERSPECTIVES M. Avdonina, M. Rudneva, N. Valeeva	5996
USING ELECTRONIC RESOURCES WHEN DELIVERING THE MODULE OF MINERALOGY AND PETROGRAPHY IN ENGLISH AS A WAY TO MOTIVATE STUDENTS (AS ILLUSTRATED BY BLOGGING) O. Lutoshkina, I. Zabrodina, T. Yakich, I. Slesarenko	6002
PROPOSALS OF EDUCATIONAL OPTIMIZATION FOR THE DEAF IN THE STATE OF JALISCO (MEXICO) M.P. Fernández Viader, I. Moreno Vite	6009
LEARNING CALIBRATION AND TESTING MODEL TO PREDICT FUTURE IMPACTS IN COASTAL ENVIRONMENTS C. Zarzuelo, A. López-Ruiz, M. Díez-Minguito, A. Moñino, P. Magaña, M. Ortega-Sánchez	6017
INTRODUCING GRADUATE STUDENTS INTO PRE-PROCESSING TECHNIQUES FOR ADVANCED NUMERICAL MODELS: APPLICATION TO HYDRODYNAMIC MODELS C. Zarzuelo Romero, A. López-Ruiz, M. Díez-Minguito, A. Moñino, P. Magaña, M. Ortega-Sánchez	6024
THE EFFECTS OF A WORKSHOP IN LEARNING STRATEGY OF READING COMPREHENSION Y. Mézquita-Hoyos, A. Rodríguez-Aranda, M. De Lille-Quintal	6031
STRATEGIES TO PROMOTE PARENTS' PARTICIPATION IN THE LEARNING PROCESS OF THEIR CHILDREN WITH EDUCATIONAL SPECIAL NEEDS Y. Mézquita-Hoyos, M. De Lille-Quintal, Y. Solís-Kú	6038
COMPARATIVE ANALYSIS IN COACHING EDUCATION: THE PARALYMPIC ATHLETE LEVEL OF MOTIVATION COMPARED TO THAT OF TYPICAL NCAA DIVISION ONE ATHLETES M. Mann	6045
LEVERAGING WEB APPLICATION DEVELOPMENT BY SEIZING THE MEANS OF PRODUCTION: MOBILE APP. DEVELOPMENT AND AWAKENING THE CODER IN YOU TO ENGAGE YOUR STUDENTS AND INCREASE THEIR MOTIVATION TO LEARN M. Mann	6050
PROFESSIONAL DEVELOPMENT IN THE LIVES OF ENGLISH AS A FOREIGN LANGUAGE TEACHER: THE TURKISH CONTEXT M. Topkaraoglu, E. Siklar	6058
TEACHING IMAGE AND VIDEO PROCESSING WITH A PRACTICAL CASES-BASED METHODOLOGY AT THE UNIVERSITY OF ALICANTE P. Gil, G.J. García, S.T. Puente, C.M. Mateo, B. Alacid, D. Mira	6067
PHILOSOPHICAL COMMUNITY OF ENQUIRY AND WRITING ABILITY R. Aminzadeh, S. Karimloo Sayah	6078
TASK-BASED APPROACH REVISITED: A GUIDE OF GOOD PRACTICES FOR UNIVERSITY ENGLISH TEACHING AND ASSESSING (THE UNIVERSITY OF BUCHAREST) L. Mihaes, D. Ionita	6087
RANKING EUROPEAN UNIVERSITIES BASED ON THEIR LEVEL OF COLLABORATION WITH THE INDUSTRY: THE UNIVERSITY-INDUSTRY RESEARCH CONNECTIONS INDEX M. Maricic, N. Zornic, V. Jeremic	6095

COMPARATIVE ANALYSIS OF UNIVERSITIES - BUSINESS INTERACTION MODELS IN THE ARCTIC ZONE AND EUROPEAN COUNTRIES S. Sigova, A. Kekkonen	6106
BUILDING AN E-TUTOR USING A DATABASE TO STORE AND MANIPULATE KNOWLEDGE REPRESENTATIONS A. Drabik, L. Banachowski, E. Mrówka-Matejewska, J. Nowacki	6116
STUDENT MOTIVATION IN SUPPORT OF PRACTICAL EDUCATION S. Denchev, I. Peteva, D. Stoyanova, E. Ignatova, T. Varadinova	6126
UNIVERSITY'S R&D INSTITUTES - NATURAL LINKS BETWEEN EDUCATION AND RESEARCH S. Denchev, I. Peteva, T. Varadinova, D. Stoyanova	6132
BY DESIGN: PERSPECTIVES ON FLIPPING A VISUAL ARTS COURSE C. Cho	6139
COMPARATIVE ACADEMIC PERFORMANCE ANALYSIS OF BUSINESS ADMINISTRATION FRESHMEN USING ENGLISH VS. SPANISH AS MEDIUM OF INSTRUCTION C. del Campo, A. Cancer, D. Pascual-Ezama, E. Urquía-Grande	6145
ENVIRONMENTAL PROTECTION ENGINEERING STUDY PROGRAM: LEARNING EXPERIENCES AND CURRICULUM INNOVATION T. Geramitcioski, V. Mitrevski, I. Vilos, P. Mitrevski	6154
EDUCATIONAL ROBOTICS: FROM PROCEDURAL LEARNING TO CO-CREATIVE PROJECT ORIENTED CHALLENGES WITH LEGO WEDO M. Romero, Y. Dupont	6159
INTERDISCIPLINARY ANALYSIS OF THE INFORMATION AND COMMUNICATIONS TECHNOLOGY CONTRIBUTIONS IN THE USE OF THE STUDENT LEARNING PORTFOLIO IN HIGHER EDUCATION M. Fuentes Agustí, C. Brando-Garrido	6164
COMPREHENSION OF TEACHING IN THE UNDERGRADUATE FORMATION FOR THE INFORMATION AND COMMUNICATION DIGITAL TECHNOLOGIES IN THE INTERDISCIPLINARITY CONTEXT L. Lima, R. Loureiro, G. Teles, N. Medeiros	6172
NETWORKED THEATRE: USING THE INTERNET AND DIGITAL TECHNOLOGY TO SHAPE GLOBAL ONLINE COLLABORATIVE LEARNING IN EDUCATIONAL DRAMA AND APPLIED THEATRE CONTEXTS P. Sutton, M. Allsup	6182
THE FUNCTION OF THE INSTRUCTIONAL TOOLS ON STUDENTS' DISTRIBUTED LEADERSHIP DEVELOPMENT: AN EXPLORATORY RESEARCH IN ITALIAN ACADEMIC CONTEXT G. Moretti, A. Giuliani	6187
CURRICULUM – A CHALLENGE WITHIN A MULTICULTURAL WORLD R.M. Niculescu	6196
DIGCOMP FRAMEWORK AS A TOOL TO IMPROVE DIGITAL LITERACY IN EU – CONCLUSIONS FROM CASE STUDIES OF ITS IMPLEMENTATION M. Miłosz	6205
COMPUTER SCIENCE AND ENVIRONMENTAL MONITORING IN ACADEMIC PROJECTS M. Milosz	6213
CONSIDERATIONS FOR TEACHING DIGITAL PLATFORMS: SKILLS, THEORY, OR APPLICATION? N. Volchansky	6219
ASSURING QUALITY IN E-LEARNING: IDENTIFICATION AND ANALYSIS OF QUALITY COURSE DESIGN STANDARDS IN ONLINE PROGRAMS D. Vlachopoulos	6234
THE CONSOLIDATION OF ENGINEERING EDUCATION IN AUSTRALIA AS SPECIALIZED SCIENTIFIC ACADEMIC PARADIGM J. Rojter	6242
EXPLORATION OF SMARTPHONE-APP DESIGN PRINCIPLES TO HELP THE INVITATIONAL TRAINING PROGRAM FOR A DEVELOPING COUNTRY S. Kim, Y. Kim	6249

REFLECTIVE PRACTICE APPLICATIONS: "GUIDED WEEKLY REFLECTION PAPERS" EXTENDED FROM ALCALÁ UNIVERSITY (SPAIN) TO DE MONTFORT UNIVERSITY (UK)	6250
G. Quintanilla, J.L. Copa-Patiño, A. Guerrero, M. González-Santander, N. Hernández, M.S. Arias, M.I. Domínguez, M.A. Peña, M.D. Evans, A. Peña-Fernández	
UTILISING PARTICIPATORY REFLECTION AND ACTION TO ESTABLISH A COMMUNITY OF PRACTICE AND SUPPORT TEACHER IDENTITY DEVELOPMENT AMONGST FINAL-YEAR TEACHER TRAINING STUDENTS W. Fraser, R. Ferreira, M. Kazeni, E. Eberlein, L. Beukes, J. Beckmann, J. Mwambakana	6257
STUDENT TEACHERS' PERCEPTIONS OF MENTORS TEACHERS DURING SCHOOL BASED LEARNING SESSION IN MOTHEO DISTRICT HIGH SCHOOLS J.R. Maimane	6267
FIGHTING AGAINST EXCLUSION: INTRODUCING GENDER INTO UNIVERSITY TEACHING M. Carbonell Esteller, T. Bartual Figueras, J. Turmo Garuz, A. Carreras-Marín	6268
THE VIEWS OF STUDENT TEACHERS ON THE DEVELOPMENT OF THEIR TEACHER IDENTITIES W. Fraser, R. Ferreira, M. Abrie, J. van Heerden, M. Botha, L. Bosman, L. de Jager, S. van Putten, M. Kazeni, S. Coetzee	6274
DENTAL STUDENTS' VIEWS OF COMPUTER-ASSISTED LEARNING AS A SUPPORT FOR PERIODONTAL SKILLS TRAINING S. Curtin, A. Trace	6283
SURVEYING THE LANDSCAPE IN THE DEVELOPMENT OF A NEW MEDICAL PROGRAMME: THE CHALLENGES OF CREATING A LEARNING SPACE FOR INTERPROFESSIONAL EDUCATION AND COLLABORATIVE WORKING D. Gurbutt, P. Milne	6289
MAKING MOODLE SEMANTIC N. Steinmetz	6297
THE IMPACT OF A NUTRITION SUPPORT MODULE AT MASTER LEVEL ON DIETITIANS, PATIENTS CARE AND CLINICAL OUTCOMES F. McCullough, B. Mafrici	6304
MENTORING IN ENTREPRENEURIAL PRACTICES – A MISSING LINK IN ENTREPRENEURSHIP DEVELOPMENT: REFLECTIONS ON THE EXPERIENCES OF SELECTED ENTREPRENEURS IN GHANA A. Essuman	6313
THE INFLUENCE OF METACOGNITION AND ATTITUDE ON SPELLING COMPETENCES AMONG COLLEGE UNDERGRADUATES M. Verdoodt, F. Devos	6314
SECONDARY-SCHOOL PUPILS' METACOGNITION FOR SPELLING: MUCH ADO ABOUT NOTHING? F. Devos, V. Van Vooren, A. Mottart	6319
THE ROLE OF ICTS IN REBUILDING EDUCATION IN AREAS OF ARMED CONFLICTS: THE SYRIAN CASE M. Alfarah, M.A. Bosco Paniagua	6325
OPEN UNIVERSITY SYSTEM IN BRAZIL: AN OVERVIEW THROUGH OPEN EDUCATIONAL RESOURCES AND REGIONAL IMPACT OF GRADUATE STUDENTS M.R.C. Duran, C.J. Costa, T. Amiel, W. Ramos	6332
TECHNOLOGY AND HISTORY AT UNIVERSITY: DISTANCE AND PROXIMITY M.R.C. Duran	6333
MEASURING AND IMPROVING STUDENTS' CRITICAL THINKING ABILITY T. Brothen	6334
WEAVING WORDS AND MUSIC: FOSTERING A MEANINGFUL INTERCULTURAL EXCHANGE THROUGH MUSIC COMPOSITION M.E. Haupert	6339
COGNITIVE COSTS OF BILINGUAL EDUCATION: THEORETICAL AND EMPIRICAL RESEARCH L. Salekhova, A. Danilov	6340
TEACHERS AS LEARNING GAME DESIGNERS: CAN ELEMENTARY SCHOOL TEACHERS WITH NO BACKGROUND REALLY GAMIFY THEIR OWN TEACHING? A. Nordby, H. Nordseth	6345

THE POWER OF GAME DEVELOPMENT IN LEARNING: WHY IS GAME DEVELOPMENT GOOD LEARNING MACHINES? A. Nordby	6353
INTERDISCIPLINARITY IN ARCHITECTURE: TOWARDS A GENUINE CROSS-DISCIPLINARY EDUCATION	6362
J. Perez Gil, L. Santos y Ganges, R. Almonacid Canseco, J.L. Lalana Soto, J. Garcia Nistal, V. Jimeno Guerra	
TEACHING-LEARNING STRATEGIES ON CULTURAL HERITAGE APPLIED TO AMERICAN UNIVERSITY PROGRAMMES BASED IN SPAIN J. Garcia Nistal, V. Jimeno Guerra, J.L. Lalana Soto, R. Almonacid Canseco, L. Santos y Ganges, J. Perez Gil	6368
ENGAGING ADOLESCENTS: IMMIGRANT DIGITAL LITERACIES AND DIASPORIC IDENTITIES L. Kajee	6374
DIGITAL LITERACY: A CRITICAL FRAMEWORK FOR DIGITAL LITERACY PRACTICES IN CLASSROOMS L. Kajee	6380
ACADEMIC PROFILE OF STUDENTS WHO DROP OUT A DEGREE. A CASE STUDY OF FACULTY OF ECONOMICS AND BUSINESS, UB P. Aparicio-Chueca, I. Maestro-Yarza, M. Domínguez-Amorós	6386
FACTORS DETERMINING THE COURSE OF RESEARCH PROJECTS, IN THE OPINION OF DIFFERENT GROUPS OF STAKEHOLDERS J. Mrzyglocka-Chojnacka, R. Ryńca	6395
PROFESSIONAL STANDARDS IN TEACHER EDUCATION: WHAT DOES IT TAKE TO PRODUCE CLASSROOM READY GRADUATES? T. Bourke	6403
COMPUTER AIDED TEACHINGS SYSTEMS J.P. Bécar, J.C. Canonne, M. Seppälä, A. Mayeur	6404
ONLINE COLLABORATIVE SYSTEM FOR QUALITY ASSURANCE IN ROMANIAN HIGHER EDUCATION (QACOS) P. Nastase, D. Popescu	6411
A COMPLETE GENETIC ANALYSIS AT UNIVERSITY LEVEL: INTEGRATION BETWEEN LABORATORY AND COMPUTER APPROACHES F. Mestres, T. Adell, S. Araujo, J. Balanyà, M. Papaceit, M. Pascual, M. Riutort, R. Romero, C. Segarra	6418
STATISTICS IN ACTION: USING STATISTICS IN THE FINAL DEGREE PROJECT F. Mestres, C. Arenas	6424
MIGHTY OAKS FROM LITTLE ACORNS GROW R. Ferriday	6430
FROM STUDENT-TEACHERS TO NOVICE TEACHERS: CHANGING ATTITUDES TOWARDS INTEGRATION OF TECHNOLOGY IN TEACHING MATHEMATICS I. Gurevich, H. Stein, D. Gorev	6433
TEACHING INNOVATION PROJECT BASED ON 3D PRINTER FOR THE ELASTICITY AND STRENGTH OF MATERIALS SUBJECT IN THE DEGREE OF MECHANICAL ENGINEERING	6441
J. Ferreiro-Cabello, E. Fraile-García, M. Corral-Bobadilla, R. Lostado-Lorza RESULTS OF TEACHING INNOVATION PROJECT: THEORY OF STRUCTURES	6447
E. Fraile-García, J. Ferreiro-Cabello, M. Corral-Bobadilla, R. Lostado-Lorza	044/
PROMOTING A SPATIAL PERSPECTIVE ON PRIMARY STUDENTS THROUGH GEOTECHNOLOGIES L. Azevedo, V. Ribeiro, A. Osório	6455
ACADEMIC FREEDOM: FOUNDATIONS, LIMITATIONS AND DELIMITATIONS H. Osieja	6460
TRAIL (TEENAGERS: THE ROAD WITH AUTISM TO INDEPENDENT LIVING) ERASMUS+ KA2 PROJECT I. Miralles	6465
GLOBAL UNIVERSITY RANKINGS AND STRATEGIC PLANNING IN HIGHER EDUCATION INSTITUTIONS J. Sarupiciute, G. Druteikiene	6472
NEW DEVELOPMENTS IN TEACHING QUALITATIVE DATA ANALYSIS SOFTWARE: A COMPARISON OF FACE-TO-FACE AND E-LEARNING COURSES OF ATLAS.TI N. Kalpokaite, I. Radivojevic	6479

USING ATLAS.TI TO FACILITATE THE LITERATURE REVIEW: PROPOSING A NEW PRACTICE-BASED FRAMEWORK N. Kalpokaite, I. Radivojevic	6489
E-COURSE AS A CONTROL ELEMENT OF EDUCATIONAL PROCESS IN MODERN UNIVERSITY E. Isaeva, A. Serebrennikova, SH. Davaasuren	6499
CLASSROOM VS. E-LEARNING: A CASE STUDY ON THE PERFORMANCE OF STUDENTS IN DIFFERENT LEARNING SCENARIOS T. Dondorf, R. Breuer, H. Nacken	6507
EDUCATION AND LIFELONG LEARNING OPPORTUNITIES IN THE PRIVATE SECURITY SERVICES IN SLOVAK REPUBLIC A. Veľas, Z. Zvaková, J. Svetlík	6517
FORMATION OF REGIONAL BRAND: GEOMARKETING AND IMAGE RESOURCES OF THE TERRITORY S. Fedyunina, G. Panichkina	6524
WIDENING ACCESS; DEVELOPING A COMMUNITY E-LEARNING RESOURCE FOR HEALTH PROFESSIONALS CARING FOR CHILDREN AND YOUNG PEOPLE WITH CANCER W. McInally, M.J. Pouso Lista, R. Whitlock	6531
DEVELOPMENT OF A CULTURALLY-CENTERED INTEGRATED CARE MODEL: EDUCATIONAL IMPLICATIONS FOR RESEARCHERS, CLINICIANS, PATIENTS, AND COMMUNITY MEMBERS K. Holden, G. Wrenn, B. McGregor, A. Belton, Z. Dale, J. Hopkins	6535
TECHNOLOGY AND VIRTUALIZATION OF EDUCATIONAL PROCESS	6544
Y. Amani, P. Parikh	
GAMIFICATION IN HIGHER EDUCATION AND STEM: A SYSTEMATIC REVIEW OF LITERATURE M. Ortiz, K. Chiluiza, M. Valcke	6548
A WEB-BASED TEACHING TOOL FOR MULTI-STEP SYNTHESIS IN ORGANIC CHEMISTRY: STUDENT PERSPECTIVES AND MOTIVATIONS R. Koseler Emre, H. Ben-Daat, A.C. Austin, I.R. Gould	6559
GRADE R TEACHERS' VIEWS ON THE IMPLEMENTATION OF INCLUSIVE EDUCATION IN RURAL SCHOOLS OF LIMPOPO PROVINCE, SOUTH AFRICA D. Mahlo	6566
START-UPS – SOCIAL EXPERIENCE RATHER THAN BUSINESS VENTURE? D. van den Heever, J. Uziak, M. Eisenberg, T. Oladiran, E. Kieser	6575
THE IMPROVEMENT OF TEACHING THROUGH TRAINING AND DEVELOPMENT PROGRAMMES BASED ON PERFORMANCE ASSESSMENT T. de Dios, S. Muñoz	6581
THE RELATIONSHIP BETWEEN BURNOUT AND EMOTIONAL INTELLIGENCE AMONG PUBLIC AND PRIVATE SECONDARY SCHOOL TEACHERS IN BEIRUT F. Murdaah	6591
THE RELATIONSHIP BETWEEN COLLEGE STUDENTS' LEARNING STYLE AND THEIR PREFERRED MODE OF LEARNING IN A FLIPPED CLASSROOM: A CASE STUDY F. Murdaah	6599
GETTING CREATIVE WITH EUROPEANA: INNOVATIVE STRATEGIES & NEW TOOLS FOR EDUCATION F. Truyen, S. Taes, C. Colangelo, R. Wyns	6606
VIRTUAL REALITY IN EDUCATION?! D. Verbeek	6615
THE CHALLENGE OF A HYBRID EDUCATION BETWEEN COMPUTER SCIENCE AND DESIGN COMPETENCES IN ITALIAN UNIVERSITY COURSES AND DEGREES L. Bollini	6623
DEVELOPMENT OF AN INNOVATIVE MEDICAL SCHOOL CURRICULUM TO ENHANCE STUDENTS' READINESS TO UTILIZE HEALTH INFORMATION TECHNOLOGY IN FUTURE PRACTICE R.J. Jacobs, H. Iqbal, A. Rana, Z. Rana	6633
HOW WELL DO THE RESULTS FROM PRACTICAL COURSEWORK COMPARE WITH THE RESULTS FROM THEORETICAL EXAMS IN COMPUTER PROGRAMMING COURSES? C. Kazimoolu, M. Kiernan	6638

EDUCATIONAL VALUES IN CARTOONS C. Alonso Valdivieso	6645
DEVELOPING PEDAGOGY: USING NEW TECHNOLOGIES WITH TRANSNATIONAL STUDENTS H. Boulton	6654
PERCEPTIONS OF FUTURE STEM SECONDARY EDUCATION TEACHERS ON VOCATIONAL FACTORS S. Tainta, R.A. Perez, J. Goicoechea	6662
STRATEGIC TRAINING ON SEARCHING AND USING MOBILE APPLICATIONS FOR ELDERLY STUDENTS M.J. Hernández-Serrano, J.M. Muñoz-Rodríguez, S. Serrate González	6669
EXPLORING THE TEACHING EFFECT OF INSERTING ENGLISH READING SKILL MICROLECTURES INTO THE COLLEGE ENGLISH READING CLASS: A CASE STUDY OF STUDENT FEEDBACK L. Liu	6676
PROPOSAL OF A "CONFIDENCE-INTEGRATED S-P TABLE" FOR ASCERTAINING COMPREHENSION STATUS T. Akakura, Y. Arakawa, T. Ishii	6679
NEUROSCIENCE IN EDUCATION: AUTISM SPECTRUM DISORDER AND MOOD DISORDERS M. de-la-Iglesia, J.S. Olivar, R. Pinedo	6686
SPECIAL EDUCATION: COMMUNICATION IN NEURODEVELOPMENTAL DISORDERS M. de-la-Iglesia, J.S. Olivar, R. Pinedo	6694
SYMBOLIC COMPUTATION THROUGH MATHEMATICA AND MOODLE J.J. Miralles Canals, M. Cañas Carretón, G. Vergara Pla	6701
TEACHING AS TASK DESIGN: AN ACTIVITY-BASED APPROACH TO STUDENT LEARNING V. Gynnild	6712
FROM STUDENT EVALUATION OF TEACHING TO THE WONDER OF WHY? A CRITICAL REALIST APPROACH TO QUALITY ASSURANCE V. Gynnild	6718
A MATLAB TOOLBOX FOR SYMBOLIC ELECTRICAL CIRCUIT ANALYSIS J.A. Martínez Martínez, M. Cañas Carretón, M. Sánchez Martínez	6723
COORDINATION IN THE DEVELOPMENT OF TRANSVERSAL COMPETENCES IN THE DEGREE OF FOOD SCIENCE AND TECHNOLOGY M.D. Rivero-Perez, M.L. González-SanJosé, P. Muñiz, J.M. Ena Dalmau, M. Ortega-Heras, M. Cavia-Saiz, B. González-González	6733
NO LONGER LOCKED OUT! THE INTEGRATION OF SCORM OBJECTS INTO MOODLE QUIZZES R. Breuer, T. Dondorf, H. Nacken	6741
PARTICIPATORY APPROACHES FOR DESIGNING TECHNOLOGY-ENHANCED LEARNING SPACES: THE EXPERIENCE OF REDESIGNING THE 'CUBE' AND THE 'POPPY' D. Casanova	6747
PILOT PROJECT FOR THE DEVELOPMENT OF PUBLIC SPEAKING SKILLS IN STUDENTS OF 4TH YEAR FOR THE DEGREE IN CHEMISTRY M.I. Rodríguez-Cáceres, M.I. Acedo-Valenzuela, N.M. Mora-Díez, M. Palomino-Vasco, D. Rodríguez-Gómez, J. Albarrán-Velo, M. Alexandre-Franco, M. Benito de Valle Prieto, E.M. Cuerda Correa, C. Durán-Valle, C. Fernández-González, M.V. Gil Álvarez, F. Luna Giles, V. Luque-Agudo, S. Martillanes Costumero, A. Pérez Pereira, E. Viñuelas Zahínos, J.C. Corchado Martín-Romo, M.E. Martín Navarro, M.L. Sánchez Mendoza, M.M. Tirado García	6757
DEVELOPING SKILLS IN STUDENTS OF 4TH YEAR FOR THE DEGREE IN CHEMISTRY USING A SCIENTIFIC ARTICLE M.I. Rodríguez-Cáceres, M.I. Acedo-Valenzuela, N.M. Mora-Díez, M. Palomino-Vasco, D. Rodríguez-Gómez, J. Albarrán-Velo, M. Alexandre-Franco, M. Benito de Valle Prieto, E.M. Cuerda Correa, C. Durán Valle, C. Fernández González, M.V. Gil Álvarez, F. Luna Giles, V. Luque-Agudo, S. Martillanes Costumero, A. Pérez Pereira, E. Viñuelas Zahínos, J.C. Corchado Martín-Romo, M.E. Martín Navarro, M.L. Sánchez Mendoza, M.M. Tirado García	6767
POSSIBLE PEDAGOGIC EFFECTS OF THE JUNIOR EUROVISION SONG CONTEST ON PRE-SCHOOL LEARNING CONTEXTS: A CRITICAL MULTIMODAL EVALUATION G. Cremona	6776

CHALLENGES IN USING PRE-COMMERCIAL PROCUREMENT (PCP) FOR ENHANCING INNOVATION FOR CITIES: RESULTS FROM AN EMPIRICAL STUDY ON SMART CITIES J. Ojasalo, K.M. Holopainen	6786
INTERESTS AND NEEDS IN THE MONITORING FOR GRADUATES. A CASE STUDY J. Cuestas-Caza, J. Imbaquingo, G. Pila, X. Oña	6799
DEVELOPMENT OF "SUSTAINABILITY AND SOCIAL RESPONSIBILITY" AS A CROSS CURRICULAR SKILL IN THE SUBJECT GENERAL AND APPLIED DIETETICS IN THE DEGREE OF HUMAN NUTRITION AND DIETETICS I. Txurruka, I. Larretxi, J. Miranda, MA. Bustamante, E. Simón, A. Lasa	6808
INCLUDING UNIVERSAL DESIGN IN A SUMMER CAMP WORKSHOP ON ROBOTICS M. Ribera, E. Puertas	6815
ASSESSMENT OF BELGIAN PRE-SERVICE TEACHERS' WRITTEN PROFICIENCY IN FRENCH AS A FOREIGN LANGUAGE A. Ruyffelaert, J. Suso López, Mª E. Fernández Fraile, P. Hadermann	6823
ANIMATION DETACHED FROM CONVENTIONAL AUDIOVISUAL PLAYBACK: REAL TIME, PLAYBACK AND GENERATION OF ANIMATION A. Fernández Sánchez	6824
PUSHING THE LIMITS OF TRADITIONAL PEDAGOGICAL APPROACHES IN EDUCATION P. Senger	6832
MEDIA DISCOURSE SPACE IMPACT ON THE PROFESSIONAL DEVELOPMENT OF UNDERGRADUATE AND GRADUATE STUDENTS N. Guslyakova, A. Guslyakova	6839
SHARK TANK: CHALLENGING MODELS OF CURRICULUM DELIVERY IN SOCIAL ENTREPRENEURSHIP EDUCATION P. Senger	6847
STUDENTS' ATTITUDES TOWARDS COLLABORATIVE ONLINE LEARNING AND THEIR WILLINGNESS TO USE IT IN THE FUTURE A. Margaliot, D. Gorev, T. Vaisman	6852
VISUALIZING PRE-SERVICE EARLY CHILDHOOD TEACHERS' EDUCATIONAL BELIEFS THROUGH COLLAGE ACTIVITIES S.M. Park, S.K. Yoo	6862
CREATIVE INSTRUCTIONAL INNOVATION FOR PROFESSIONAL TEACHERS O. Sirisamphan	6863
TOWARD ETHICAL STRENGTHS-BASED LEADERSHIP DEVELOPMENT TO ADVANCE GLOBAL HEALTH EQUITY K. Holden, D. Satcher	6871
VIRTUAL LEARNING ENVIRONMENTS IN MASTER CLASSES: WEB CONFERENCING A. Hernando, M. Legrand, J. Velázquez, M. Silva, A. García-Abril	6878
PERCEIVING THE CONCEPT OF TIME THROUGH THE USE OF TACTILE TIME SEQUENCE CARDS: AN EDUCATIONAL PLAN OF INTERVENTION FOR DEAF-BLIND STUDENTS M. Zeza, P.D. Stavrou	6884
APPLYING A HYBRID MODEL OF PROBLEM-BASED LEARNING AS AN ASSESSMENT STRATEGY AND INTERACTION "MULTIPLE SUBJECTS" E. Llargués Rocabruna, X. Herranz Pérez, L. Sánchez Sitges, E. Calbo Sebastián, M. Virumbrales Cancio	6889
UNDERGRADUATE GROUPWORK REVISITED: THE USE OF THE SCRUM MODEL TO CREATE AGILE LEARNING ENVIRONMENTS A. Jurado-Navas, R. Muñoz-Luna	6890
EFFECT OF DIFFERENT MULTITASKING SCENARIOS REALIZED IN DIFFERENT PHYSICAL SETTINGS ON COGNITIVE LOAD AND ACHIEVEMENT O. Orun, Y. Akbulut	6897
ENGLISH FOR OCCUPATIONAL PURPOSES: WHAT ROLE SHOULD IT PLAY IN HIGHER EDUCATION? E. Rautenbach	6899
STUDENTS EXPLORE THE EARTH FROM ABOVE: AN ADAPTIVE E-LEARNING ENVIRONMENT PROMOTING THE POTENTIAL OF SATELLITE IMAGES G. Riembauer, V. Fuchsgruber, N. Wolf, A. Siegmund	6900
NEW TEACHING METHODS FOR COMPREHENSION ABSTRACT CONCEPTS IN MATERIALS SCIENCE A Leigndi F Zuza I Muñoz	6906

PROBLEMATIC ASPECTS OF TEACHERS' COMPETENCE EDUCATION: LITHUANIAN CASE	6914
V. Zuzeviciute, L. Ruibyte, R. Adamoniene, A. Stepanoviene, B. Pranevičienė, R. Dobrzinskiene	
'TECHNOLOGIZING' THE POSTGRADUATE CLASSROOM S. Smith, M. Khechara	6921
LABORATORY PRACTICE BASED ON EXPERIMENTAL INVESTIGATIONS METHODOLOGY FOR ENGINEERING STUDENTS IN FUNDAMENTALS OF MATERIALS SCIENCE J. Muñoz Ugartemendia, E. Zuza, A. Lejardi	6928
DEVELOPING STUDENT CAPABILITY IN A BIOMEDICAL SCIENCE AWARD – PEER SUPPORTED LEARNING THROUGH VIDEO S. Smith, E. O'Gara, M. Khechara	6936
AUDIOVISUAL REPORTS PRODUCTION OF LABORATORY PRACTICES. A DIDACTIC STRATEGY TO INCREASE THE MOTIVATION TOWARDS THE SUBJECT AND THE ACTIVE PARTICIPATION OF THE STUDENTS M.A. Andrés, N. Gabilondo, B. Cartón, M. Zubitur	6943
THE STUDY OF BHARATHANATYAM IN PROMOTING CULTURE AND IDENTITY AMONG ADOLESCENT LEARNERS IN MALABAR, PORT ELIZABETH, SOUTH AFRICA L.S. Govender	6950
CURRICULUM DESIGNS IN BRAZIL: CONFLICTED VIEWS AT THE DAWN OF THE NATIONAL CURRICULAR COMMON BASE M. Moder García	6958
TEACHERS' PERCEIVED INFLUENCE OF COMPUTER ASSISTED INSTRUCTION ON LEARNING OUTCOMES OF PUPILS WITH MILD INTELLECTUAL DISABILITY IN IBADAN, OYO STATE, NIGERIA J. Oyundoyin, E. Oyefeso	6968
THE ASSESSED REFLECTIVE LEARNING JOURNAL: IS IT A TRUE REFLECTION OF THE STUDENTS' LEARNING JOURNEY? C. Dawson	6975
HOW TO IGNITE STUDENT LEARNING WITH CREATIVE ASSESSMENT STRATEGIES IN ONLINE EDUCATION M. Bentz	6980
SOCIAL NETWORKS: TECHNOLOGICAL MEDIA TO FACILITATE THE TEACHING- LEARNING PROCESS IN HIGHER EDUCATION R.A. Salas Rueda, J.J. Vázquez Estupiñán, C. Roel Ruíz Loredo, J.L. Lugo García, H. F. Ruiz Silva	6986
IMPACT OF WEB 2.0 TOOLS IN THE MOOC. A CASE STUDY IN HIGHER EDUCATION R.A. Salas Rueda, R. Pozos Cuéllar, C. Roel Ruíz Loredo, U. Calvo Palmerín, R. Castro Busto	6992
ACHIEVING BUSINESS-IT ALIGNMENT L. Goel, B. Kavan, L. Biess	6998
INTERACTIVE TECHNOLOGIES FOR FORMATION OF UNASSISTED COGNITIVE ACTIVITY OF STUDENTS V. Torosyan, E.S. Torosyan	6999
INTEGRATION OF A STUDENT WITH ASPERGER SYNDROME IN A METHODOLOGY BASED ON LEARNING STYLES M. Díaz-Roca, F.J. Gil-Cordeiro, M.D. Afonso-Suárez	7006
ERASMUS EXPERIENCES IN THERMAL ENGINEERING: IMPACT OF CONTINUITY BETWEEN RECIPIENT DEPARTMENT AND CENTER OF ORIGIN OF STUDENTS. THE KEYS FOR A MUTUAL ENRICHMENT I. Gómez-Arriaran, M. Odriozola-Maritorena, E. Perez-Iribarren, Z. Azkorra-Larrinaga, I. Gonzalez-Pino, I. Sellens	7013
INDONESIAN MYTHOLOGY ENABLING 21ST CENTURY BUSINESS STUDENTS TO BALANCE STRATEGIC AND RELATIONSHIP CHALLENGES D. Rushton, N. Wilmot, C. Metselaar, A. Docter	7019
UNDERSTANDING MATERIALS SCIENCE AND IMPROVING THE EXIT SKILLS OF FUTURE ENGINEERS N. Gabilondo, A. Retegi, M.A. Corcuera, A. Eceiza	7027
THE ROLE OF GAME JAMS IN DEVELOPING INFORMAL LEARNING OF COMPUTATIONAL THINKING: A CROSS-EUROPEAN CASE STUDY H. Boulton, B. Spieler, A. Petri, C. Schindler, W. Slany, X. Beltran	7034

FROM REALITY TO THEORY, OR HOW ACQUIRE THE COMPETENCES OF THE MATERIALS SUBJECT COURSE IN THE DEGREE IN BUILDING ENGINEERING FROM A REAL BUILDING A. Retegi, C. Marieta, N. Gabilondo, M.A. Corcuera, A. Eceiza	7045
APPLICATION OF COOPERATIVE LEARNING ON A MASTER SUBJECT. EVALUATION METHODS AND STUDENTS PERCEPTION A. Retegi, N. Gabilondo, A. Elias, M.A. Corcuera, A. Eceiza, C. Garcia-Astrain	7053
LEARNING ANALYTICS IN ONLINE LANGUAGE LEARNING: CHALLENGES AND FUTURE DIRECTIONS M. Thomas	7065
USING EXPERIMENTAL INVESTIGATION FOR EDUCATIONAL PURPOSES: TWO- STAGE COMPRESSOR R. Younsi, B. Detuncq	7066
HOW TO GAMIFY AN ONLINE TECHNICAL SUBJECT IN HIGHER EDUCATION M.D. Vivas Urias, A.M. Cruz Chust, O. Liébana Carrasco	7071
DATA ANALYSIS FOR MEASURING EFFECTS OF GAMIFICATION IN E-LEARNING ENVIRONMENTS M. Pankiewicz	7082
ENGAGING STUDENTS IN LARGE CLASSROOMS: TURNING CLASSICAL LECTURES INTO DIALOGUES USING DIGITAL PEDAGOGY. EXAMPLES, BENEFITS AND PITFALLS M. Sarvary, K. Gifford	7089
DESIGNING OF BONE MATERIAL WITH THREE-DIMENSIONAL PRINTERS: A SUPPORT TO STUDY ANATOMY IN HEALTH SCIENCES. EXAMPLE WITH JAW MODELS M.T. Ugidos Lozano, J.A. Juanes Mendez, J. Gómez Lagándara, F. Blaya Haro	7098
RINCONES, AN OPEN EDUCATION RESOURCE FOR BASIC SPANISH (OERBS): POSSIBILITIES FOR PROFICIENCY G. Moss	7107
THE INVOLVEMENT OF PARENTS IN LEARNER DISCIPLINE M. Motseke	7113
INVESTIGATING DOMINANT TYPE OF ONLINE INSTRUCTOR SCAFFOLDING S.N. Abdul Rabu, B. Aris, Z. Tasir	7118
DESIGNING OF STEM MACRO-ACTIVITIES BASED ON COOPERATIVE LEARNING STRATEGIES: 1ST MATHEMATICAL RELAY RACE BASED ON VIARÓ TEAMS. A CASE STUDY OF STEM LEARNING AT VIARÓ GLOBAL SCHOOL J. Pérez Mirón	7128
CHINESE FOREIGN STUDENT PSYCHOLOGICAL NEEDS, APPROACHES TO LEARNING AND MARKS AT A UK UNIVERSITY J. Johannesson, A. Hunnes	7134
TACIT KNOWLEDGE ACQUISITION IN ONLINE LEARNING AT UK UNIVERSITIES A.L. Ketcha Djiffouet, J. Johannesson, P. Bocij	7141
A PRACTICAL APPROACH TO ARDUINO PROGRAMMING FOR THE PHYSICAL COMPUTING SECTION OF THE INFORMATICS CURRICULUM IN KOREAN MIDDLE SCHOOL S.J. Kim, Y. Jeon, S. Lee, T. Kim	7148
UTILIZING ELECTRONIC EXAMS IN PROGRAMMING COURSES: A CASE STUDY M. Saari, T. Mäkinen	7155
EFFECTS OF THE USE OF "TABLET" DEVICES AND APPLICATIONS IN THE TYPES OF CREATIVITY OF HIGHER EDUCATION STUDENTS O. Ardaiz, M.T. Sanz de Acedo, I.F. Ezcurdia	7161
THE EMERGENCE OF ENGLISH AS A MEDIUM OF INSTRUCTION AND ITS IMPACT ON THE ENGLISH FOR SPECIFIC PURPOSES CLASS L. Mihaes	7169
A LEARNING ENVIRONMENT TO DEVELOP PATENT EXAMINATION HANDLING THINKING PROCESS M. Ikeda	7177
THE RISK OF INNOVATION: UNIVERSITY LECTURERS' PERCEPTION OF THE RISKS INVOLVED IN INNOVATIVE PRACTICES AND PROJECTS 1. Antón Solanas, D. Chinarro, D. Jiménez, M. Wozniak, N. González, C. Gómez, V.M. Pérez	7178

RESEARCHING THE COGNITIVE STYLES OF STUDENTS TRAINED IN INFORMATIONAL TECHNOLOGIES THROUGH MULTIMEDIA LEARNING ENVIRONMENT E. Goranova, V. Voinohovska, R. Rusev	7188
USING INTERACTIVE TOOLS AND TEACHING METHODS TO PREPARE TEACHER STUDENTS FOR THE TASK OF CONVEYING BASIC VALUES N. Lindström, L. Samuelsson	7197
THE ORGANIZATIONAL FIELD OF SCHOOL REVIEW IN SWEDEN AND POLAND A. Ivarsson Westerberg, B. Walczak	7202
ANALYSIS OF THE RESULTS OF MEASURING THE POLAR-DEPENDENT AND POLAR-INDEPENDENT COGNITIVE STYLE IN TRAINING PUPILS IN INFORMATION TECHNOLOGY THROUGH MULTIMEDIA LEARNING ENVIRONMENT E. Goranova, V. Voinohovska, S. Tsankov	7209
APPLICATION OF CREATIVITY AND COMPETITION ANALYSIS IN TEACHING TWO- DIMENSIONAL REPRESENTATION OF MECHANICAL ASSEMBLIES C. Martin-Doñate, M.A. Rubio-Paramio, J.M. Montalvo-Gil, J.M. Mercado-Colmenero	7215
BASES FOR UNIVERSITY ACADEMIC ACHIEVEMENT ANALYSIS: VALUATION CONTRAST STUDENTS VS. GRADUATES, EVALUATION AND ASSESSMENT OF LEARNING	7224
M. Larrauri, J.T. San-José, R. Sancibrian, A. Santamaría	
THE ART OF BUSINESS INTERVIEWING IN ESP TRAINING E. Malyuga, S. Orlova	7231
TEACHING PROFESSIONAL ENGLISH TERMINOLOGY TO STUDENTS OF ECONOMIC UNIVERSITIES E. Malyuga, S. Orlova	7236
SOLVING REAL GEOLOGY SITUATIONS USING PROGRAMMING TECHNIQUES A. Alonso, A. Casillas, M. Peñagarikano, L. Ortega	7242
ASSESSING PRIOR LEARNING IN ENGLISH BUSINESS COMMUNICATION AT A UNIVERSITY OF TECHNOLOGY S. Rossouw	7248
THE INTERDISCIPLINARY VALUE OF ARTS: A QUANTITATIVE ANALYSIS AMONGST PRIMARY EDUCATION TEACHERS M. Gacto Sanchez	7249
WEB 2.0: DIDACTICAL EXPERIENCES TEACHING ARTS IN THE ACADEMIC FIELD M. Gacto Sanchez	7255
BENEFITS OF USING MOLECULAR VISUALIZATION SOFTWARE AND ACTIVE LEARNING ACTIVITIES IN AN UNDERGRADUATE MOLECULAR BIOLOGY COURSE A. Ribes Zamora	7260
EXPERIENCES WITH BLENDED AND FLIPPED LEARNING IN UNIVERSITY MATHEMATICS COURSES - CASE STUDY P. Linna, F. Cameron, J. Tanttu	7265
"FROM ELECTRICIAN TO MASTER OF SCIENCE IN ELECTRICAL ENGINEERING" EXPERIENCES TO IMPROVE EMPLOYABILITY AND INTERNATIONAL COMPETITIVE VIABILITY G. Kugler, B. Petendra, R. Kurz	7274
EVALUATING THE USE OF WEBQUESTS FOR LEARNING ENGLISH AS A SECOND LANGUAGE E. Tavares, E. Marchetti	7281
RELATIONSHIPS BETWEEN THE STUDENTS EFFORTS AND THEIR ACADEMIC RESULTS. A CASE STUDY: MECHANICAL ENGINEERING DEGREE I. Marcos, J.T. San-José, J.M. Blanco, L. Garmendia, I. Bidaguren	7287
DEVELOPING ENTREPRENEURIAL INTENTIONS THROUGH GAMIFICATION USING ONLINE BUSINESS CHALLENGES J. Ruizalba, A. Soares, A. Banoun, M. Rodriguez Molina	7292
AN INTERNATIONAL EXPERIENCE OF USING MOOC'S FOR A COURSE ON MAGAZINE DESIGN AND DATA JOURNALISM TO EDIT A COMMON PUBLISHING G. Franco Alvarez, D. Garcia Martul	7294
PROFESSIONAL PROFILE OF PRIMARY TEACHERS IN DISADVANTAGED AND INDIGENOUS COMMUNITIES WHO USE DIFFERENTIATED PRACTICES M. Moldoveanu. N. Grenier, I., Marca-Vadan	7302

STUDY OF BACHELORS' DEMAND AS ONE OF THE CONDITIONS OF CREATION OF MASTER'S PROGRAMS IN THE FIELD OF TEACHING AND LEARNING M. Falileeva, L. Shakirova, M. Kinder	7303
EVALUATION OF VOICE THROUGH DIGITAL MEDIA: IMPACT ON EDUCATION AND PERFORMANCES J.F. Fondevila-Gascón, J. Casas, P. Mir-Bernal, E. Santana-López, J. Rom-Rodríguez, L. Feliu-Roé	7309
TEACHER SATISFACTION IN ABU DHABI SCHOOLS, UAE: WHAT DID NOT THE NUMBERS SAY? A. Ibrahim, S. Al Taneiji	7322
THE INFLUENCE OF COMPETENCES ON LEARNING OUTCOMES: A COMPARISON BETWEEN FACE-TO-FACE AND ONLINE BUSINESS SIMULATION GAME A.B. Hernández-Lara, E. Serradell-López, A. Fitó-Bertran	7323
LEARNING AND TEACHING "SPACE-TIME" (TRANS)FORM-ACTION: A SCHOOL METADESIGN COOPERATION EXPERIENCE F. Maroldi, F.C. Invernizzi	7331
METADESIGN OF HISTORICAL RURAL AREAS: FROM SPACE TO PLACE F. Maroldi, F.C. Invernizzi, A. Bugana	7341
CONCEPTUAL DESIGN FOR LIVING PLACES: INHABIT, HABIT, OUT OF HABIT F. Maroldi, F.C. Invernizzi, R. Levati, S. Ferrarese	7352
A SCENARIO-BASED SIMULATION TOOL TO TEACH PRODUCT MANAGERS ORDER DECISION-MAKING IN THE ELECTRONIC COMPONENT INDUSTRY H.L. Chang, Y.H. Tsai	7363
HISTORICAL CONSTRUCTION IN REINFORCED CONCRETE: RELATION BETWEEN ARCHITECTURAL SHAPE AND STRUCTURAL CONCEPTUAL DESIGN F. Maroldi, D. Boschiroli, F.C. Invernizzi, S. Sangalli	7371
USING TABLETS AND AN OFF-LINE TECHNO-BLENDED MODEL FOR MATHEMATICS TO IMPROVE SELF-DIRECTED LEARNING IN SECONDARY SCHOOLS – A SOUTH AFRICAN PERSPECTIVE W. Olivier	7382
THE RELATION BETWEEN EMOTIONALITY AND INTELLECT IN THE LEARNING PROCESS C. Lupu	7383
INTRODUCING LITERARY CONVERSATIONS IN THE PRIMARY SCHOOL CLASSROOM E. Michaelsen, T. Strand	7392
LEARNING-TEACHING APPROACH BASED ON FOCUSED AND DIFFUSE THINKING MODES: A PRACTICAL EXPERIENCE IN THE PHYSICS LECTURE J.M. Bergues	7402
EFFICACY OF LIVE INTERACTION TO PROMOTE STUDENT ENGAGEMENT IN THE FLIPPED CLASSROOM S. Simelane-Mnisi, A. Mji	7406
STUDENT ANXIETY, ENGAGEMENT AND THE STUDY OF RESEARCH METHODS AND STATISTICS K. Wilson	7417
A PERVASIVE, LOCATION-SENSITIVE EDUCATIONAL GAME FOR 5TH GRADE PUPILS: DESIGN, IMPLEMENTATION, EVALUATION P. Tsolakos, M. Rangoussi	7421
A STUDY OF EDUCATORS' IMAGINATIONS FOR BOARD GAME DESIGN C.L. Lin, W.W. Lai	7432
THE MUSIC OF MOLECULES: NOVEL APPROACHES FOR STEM EDUCATION A. Monno, G. Eramo, E. Mesto, M. De Tullio	7442
WHAT DO STUDENTS NEED TO INTEGRATE IN THE LABOR MARKET? AN ANALYSIS OF LABOR MARKET DEMAND I. Acero, J. M. Báez, C. Bellido, E. Bernal-Cuenca, J. Cañón, N. Dejo, M. Fernández, J. García-Bernal, A.	7450
Gargallo, A. Hernández, G. Pastor, R. Serrano STUDENTS' PERCEPTION OF SOFTWARE INDUSTRY INTERNATIONALISATION E. Milozz, M. Milozz,	7454
E. Miłosz, M. Miłosz VIRTUAL COMMUNITY AS A STRATEGY FOR THE DELIVERY OF DISTANCE LEARNING: THE CASE FOR DIASPORA INVOLVEMENT IN WEST AFRICA P. Ankamah, T. Larson	7460

BLENDED LEARNING STRATEGIES FOR SMART STUDENTS: WHY DO THEY FAIL? C. Chang, A.C. Chang-Gonzalez	7466
INTERDISCIPLINARY VIRTUAL LABS FOR TEACHING ARCHITECTURE AND URBAN DESIGN: GUDP AND ARCHLAB A. Jutraz, S. Mihelcic	7476
NEW CLASSROOMS, TECHNOLOGY AND STAFF DEVELOPMENT - BRINGING IT ALL TOGETHER IN SMART TEACHING G. Saunders, F. Oradini	7485
E-LABS – LEARNING WITH AUTHENTIC DATA M. Bardeen, M. Wayne	7495
STUDENT PERCEPTIONS OF THE USE OF PECHAKUCHA PRESENTATIONS IN SPANISH AS A FOREIGN LANGUAGE C. González Ruiz	7504
NEW METHODS IN TEACHING ARCHITECTURE AND MEDICINE STUDENTS WHILE DESIGNING QUALITY LIVING ENVIRONMENT A. Jutraz, A. Kukec	7513
21ST CENTURY GRADUATES ATTRIBUTES: EXPLORING PERSPECTIVES IN UNDERGRADUATE CURRICULA AT A SOUTH AFRICAN UNIVERSITY OF TECHNOLOGY R. Ditsele, A. Mji	7522
"I KNEW I WAS DIFFERENT RIGHT FROM THE START!" THE EXPERIENCES OF WIDENING PARTICIPATION (WP) STUDENTS STUDYING IN A FACULTY OF MEDICINE AND HUMAN SCIENCES S. Speed, J. Timpson, E. Haque	7533
STAY, INTERACT, AND LEARN: RESTYLING UNIVERSITIES' EDUCATIONAL ENVIRONMENTS H. El Marsafawy, S. Schwan, L. Seyadi, S. Al-Eid	7534
STUDENTS WITH LEARNING DIFFICULTIES AS TUTORS OF THEIR PEERS: A THEORETICAL REVIEW IN MATHEMATICS SUBJECT L. Moliner, F. Alegre	7543
TEACHING STUDENTS HOW TO MAKE PRESENTATIONS N. Belenkova, I. Kruse	7554
TURKISH EFL LEARNERS READINESS FOR AUTONOMY IN RELATION TO SELFACCESS CENTER USE M. Nasöz	7558
DEVELOPMENTAL FACTORS INFLUENCING THE EFFECTIVENESS OF E-LEARNING AMONG PEOPLE IN THE PHASE OF EMERGING ADULTHOOD E. Gurba, K. Gurba, W. Misztal, R. Nęcek, W. Mleczko	7564
THE ATTITUDE TOWARD GLOBALIZATION AS A FACTOR SHAPING THE WILLINGNESS TO USE E-LEARNING BY YOUNG PEOPLE IN THE PHASE OF EMERGING ADULTHOOD A. Senejko, E. Gurba, K. Gurba, W. Misztal, R. Nęcek, W. Mleczko	7570
METHODS OF FUTURE TEACHERS TRAINING FOR THE PROVISION OF THE RIGHTS OF THE CHILD AT SCHOOL 1. Salpykova, R. Akhmadullina, N. Valiakhmetova, A. Valiahmetova	7576
EVALUATION OF THE ACCESSIBILITY OF HIGHER EDUCATION INSTITUTIONAL WEB PAGES	7583
P. Acosta-Vargas, S. Luján-Mora, L. Salvador-Ullauri R&D PROJECTS SUCCESS FACTORS B. Gładysz, D. Kuchta	7591
A FORESIGHT STUDY APPLIED TO NATIONAL RESEARCH AND EDUCATION NETWORKS	7598
A. Yaver, J.M. Sánchez-Torres, M.A. Amortegui, L. Giraldo THE IMPORTANCE OF SETTING UP CONDITIONS FOR INDUSTRIAL COURSE PARTICIPANTS TO WANT TO COMPLETE BLENDED AND ONLINE LEARNING COURSES G. Prendergast	7608
THE IMPORTANCE OF UNDERGRADUATE STUDENTS' ORAL HEALTH KNOWLEDGE G. Capetillo, S.G. Flores, E. Torres, R.E. Ochoa, F. Leyva, L. Tiburcio, D. Montejo, M. Arroyo, P. Denis, I. Ortiz Betancourt	7613
FEAR OF DENTAL CONSULTATION IN UNDERGRADUATE STUDENTS G. Canetillo, S.G. Flores, F. Torres, R.F. Ochoa, L. Tiburcio, N. Mendez, C. Lovo, B. Romero, F. Lewig	7616

ENHANCING LEARNING AND THE UNDERGRADUATE EXPERIENCE THROUGH COMMUNITY BASED PRACTICE K.K. Tha	7619
INTEGRATED AGRONOMIC PRACTICES UNIVERSITY ORCHARD AT EPSO-UMH S. García-Martínez, A. Martínez-Gabarrón, R. Abadía, A. Ruiz-Canales, M. Brugarolas, L. Martínez-Carrasco, D. López, P. Guirao, A. Ortega, P. Legua, J. Martínez-Tomé, C. Navarro, A. Pérez-Espinosa	7623
COMPREHENSIVE ASSESSMENT IN PHYSICAL EDUCATION BY MEANS OF VIDEO ANALYSIS	7628
B. Pueo, J.M. Jiménez-Olmedo, P. Cuenca-Ruano, I. Pérez-Hernández AUGMENTED LEARNING FOR SOCIAL INNOVATION: THE URBINO EXPERIENCE G. Torrisi	7637
THE IMPLEMENTATION OF A KNOWLEDGE MANAGEMENT MODEL OF THE VIRTUAL HERBAL CENTER BASED ON THE PHILOSOPHY OF SUFFICIENCE ECONOMY S. Uamcharoen, T. Uttranadhi	7638
THE VALUE OF THE BIOMETRICS IN INVIGILATED E-ASSESSMENTS S. Ketab, N. Clarke, P. Dowland	7648
APPLICATION OF SOFTWARE ENGINEERING TECHNIQUES TO PROVIDE A FORMAL, REPEATABLE METHODOLOGY TO TEACH PROGRAMMING IN THE FIELD OF STATISTICS AND BUSINESS F. Medina-Dominguez, M.I. Sanchez-Segura, G.L. Dugarte-Peña, A. Amescua Seco	7659
POSTGRADUATE ART AND DESIGN LEARNERS AND SOCIAL SCIENCE RESEARCH METHODOLOGIES: A LEARNER-CENTRED APPROACH N. Souleles	7669
APPLIED STUDY ON THE DEVELOPMENT OF COMMUNICATION SKILLS THROUGH THE CASE STUDY METHOD IN TECHNICAL SUBJECTS A. Crisan, L. Crisan	7675
EARTHQUAKE SCHOOL EDUCATION WITH NEW DIMENSIONS GENERATED BY THE ROMANIAN EDUCATIONAL SEISMOLOGICAL NETWORK D. Dobre, E.S. Georgescu, C.S. Dragomir	7681
MULTIMEDIA IN SCIENCE TEACHING: PEDAGOGY DESIGNS AND RESEARCH OPTIONS IN THE PORTUGUESE EDUCATION BETWEEN 2010-2014 J. Paiva, C. Morais, L. Moreira	7690
COMPUTER MODELING AS A SCIENTIFIC MEANS OF TRAINING PROSPECTIVE PHYSICS TEACHERS S. Khazina, Y. Ramsky, B.S. Eylon	7699
COMPUTER SUPPORTED COLLABORATIVE LEARNING (CSCL) THROUGH SOCIAL MEDIA IN HIGHER LEARNING S. Chung, H. Cho	7710
STUDY ON DEPRESSION, ANXIETY AND DISTRESS TO ANALYSE ACADEMIC PERFORMANCE OF UNDERGRADUATE STUDENT'S R. Bhattacharya, B. Bhattacharya, S.K. Das Mandal	7711
LINGUOCULTURAL SPECIFICS OF NON-OFFICIAL NAMES OF FOOTBALL (SOCCER) CLUBS USED BY SPANISH SPEAKING SPORT REPORTERS E. Zvereva, K. Chilingaryan	7726
E-LEARNING 2.0: IS YOUR ORGANIZATION READY TO TRANSITION FROM E- READING TO E-EVERYTHING? B. Eldridge	7751
USE OF LEARNING RESOURCES ON VIRTUAL ENVIRONMENTS AND FORMATIVE EXPERIENCES IN LATIN AMERICAN UNIVERSITIES S. Gómez	7756
AN ANALYSIS OF STUDENTS' ORAL DISCOURSE IN WEB-BASED ENVIRONMENTS: ASSESSING THE EFFECTS OF LEARNING TASKS ON LANGUAGE ACCURACY, CORRECTION STRATEGIES AND STUDENTS' REPAIRS J.E. Pineda	7763
SUPPORTING TEACHING AND LEARNING THROUGH THE APPLICATION OF EDUCATIONAL DATA MINING TECHNIQUES B. Mustafa	7772
EXPLORING PRE-SERVICE TEACHERS' BELIEFS TOWARDS THE USE OF SOCIAL MEDIA IN EDUCATION M. Köşkeroğlu Büyükimdat	7779

EFFECTIVE E-LEARNING FOR A 3D COMPUTER GRAPHICS OF CELESTIAL SPHERE IN THE JUNIOR EARTH SCIENCE CURRICULUM T.L. Wang, Y.F. Tseng	7790
PSYCHOLOGICAL STRATEGIES FOR EDUCATION IMPROVEMENT - INDICATORS THAT INFLUENCE THE WELL-BEING OF TEACHERS IN ROMANIA L. Mihai, L. Manasia, A. Matei, C. Sak-Colareza	7796
DEVELOPMENT OF AN OBSERVATIONAL INSTRUMENT (OBSCIF) FOR EVALUATING CHARACTER STRENGTHS IN ARMY CADETS H. Bang, D.E. Eilertsen, O. Boe, F.A. Nilsen	7803
LESSONS LEARNED FOR CREATING AN ORGANIZATIONAL DIGITAL BADGING STRATEGY B. Eldridge	7809
INTEGRATION OF SPECIFIC AND TRANSVERSAL SKILLS IN UNIVERSITY TEACHING AND EVALUATION A. Valls-Ayuso	7816
FORMATION OF TOLERANCE OF SCHOOLCHILDREN IN THE CONDITIONS OF COOPERATIVE LEARNING (REGIONAL ASPECT) I. Salpykova, R. Akhmadullina, N. Valiakhmetova, A. Valiahmetova	7822
STUDENT CHARACTERISTICS, SPECIFICATION GRADING, AND KNOWLEDGE ACQUISITION IN SYSTEMS ENGINEERING DISTANCE EDUCATION B. Roberts, W. Owen	7830
THE EFFECTS OF SCAFFOLDING PROGRAMS ON META-COGNITIVE SKILLS WITHIN COMPUTERIZED SCIENCE PROBLEM SOLVING Z. Fund	7835
SWIMMING SKILLS AND PRE-SCHOOL AGES CHILDREN B. Stloukalová, T. Roztočil, A. Křehký	7836
EFFECTIVENESS OF THE FLIPPED CLASSROOM IN AN ESTABLISHED MEDICAL AND GRADUATE CURRICULUM: THE GEORGETOWN DOWNTOWN INAUGURAL YEAR S. Mulroney, J. Whitney, Y. Vovides, S. Pennestri, A. Myers	7846
PRACTICAL APPLICATION OF BLENDED LEARNING IN HIGHER EDUCATION INSTITUTION M. Dorofeeva, S. Veledinskaya, R. Newberry	7852
EDUCATION IS IT CONDITIONED BY TIME? A. Benchehida	7859
IMPLEMENTATION OF BEST PRACTICES IN ONLINE LEARNING: A REVIEW AND FUTURE DIRECTIONS M. Bell, P. Simone, L. Whitfield	7860
LEARNING IN VIRTUAL 3D ENVIRONMENTS: ALL ABOUT IMMERSIVE 3D INTERFACES V. Juřík, Č. Šašinka	7868
IS IT POSIBLE TO MEASURE BRAND CAPITAL IN HIGHER EDUCATION? J. Casanoves-Boix, I. Küster-Boluda, N. Vila-Lopez	7882
LEARNING METHODOLOGY RESEARCH IN PHYSICAL EDUCATION. AN EDUCATIONAL PROPOSAL BASED ON DIGITAL PLATFORMS J.M. Jiménez-Olmedo, B. Pueo, A. Penichet-Tomás	7889
COMPLEXITY OF RELATIONS BETWEEN MEN AND WOMEN A. Benchehida	7896
AN INNOVATIVE PROGRAM OF NORMAL ADJUSTMENT FOR 1ST GRADERS. ENHANCING SCHOOL LIFE'S QUALITY R. Efthymiadis, E. Michailidou, A. Mavridis	7897
THE LEVEL AND DEVELOPMENT OF CREATIVE ABILITIES OF CHILDREN IN PRIMARY SCHOOL IN THE CZECH REPUBLIC AND TURKEY L. Pelcerová, J. Honzíková	7906
DEMO_ESTIMULS, A TOOL FOR THE DESIGN OF COLOR VISION TESTS IN THE CLASSROOM	7917
M.J. Luque, D. de Fez Sáiz, M.C. García-Domene, M.A. Díez-Ajenjo, P. Capilla FOSTERING ARGUMENTATIVE DISCOURSE AND ATTITUDINAL CHANGE THROUGH A DIGITAL DIALOGUE GAME WITH EMPHASIS ON STUDENTS' EPISTEMIC BELIEFS O. Noroozi, M. Mulder	7927

IMPLEMENTATION OF A DIGITAL GAME-BASED TURKISH LANGUAGE EDUCATION Ş.D. Belet Boyaci, F. Özer, M. Güner	7933
POSITIVE SOCIALIZATION IN AN EDUCATIONAL INCLUSION GROUP OF A MONTESSORI ELEMENTARY SCHOOL S. Figueroa Franco, J.C. Aguayo Chan, M.V. López Espejel	7934
SCHOOL VIOLENCE PREVENTION AND FOSTERING OF PROSOCIAL SKILLS IN ELEMENTARY SCHOOL STUDENTS J.G. Santos May, J.C. Aguayo Chan, M.L. Pinto Loría	7942
EMPLOYABILITY COMPETENCES IN HIGHER EDUCATION: STUDENTS' PERCEPTIONS J.A. Fernández Sánchez, S. de Juana Espinosa, V. Sabater Sempere, J.J. Tarí Guilló, J. Valdés Conca, A.	7950
Bernat González, F. Serrano Torregrosa	
CONFORMITY AND RISK BEHAVIOUR AMONG CZECH AND AMERICAN ADOLESCENTS S. Dobesova-Cakirpaloglu, J. Kvintova	7959
DISCUSSION FORUM AS A LEARNING STRATEGY F. Kraemer, S. Schwertner	7967
A CASE STUDY OF MERGING INFORMATION TECHNOLOGY WITH LIBRARY SERVICES IN A METROPOLITAN VERTICAL SCHOOL BY USE OF THE LEARNING COMMONS TRANSFORMATIVE MODEL A. Jones	7972
UP THE CREEK WITHOUT A PADDLE? PROFESSIONAL DEVELOPMENT FACILITATORS AND TRANSFER OF TRAINING L. McDonald	7979
PREPARING TEACHERS AND ADMINISTRATORS MULTICULTURALLY: A COMPREHENSIVE GLOBAL APPROACH M. Suleiman	7988
IMPROVING THE PERFORMANCE OF WEB SERVERS FOR EDUCATIONAL MULTIPLAYER SERIOUS VIDEOGAMES L. Salvador-Ullauri, S. Luján-Mora, P. Acosta-Vargas	8000
TEACHING LANGUAGE AND CULTURE: A PROJECT-BASED APPROACH T. Khomutova, D. Iakovlev	8011
TEACHING LITERATURE TO STUDENTS OF LINGUISTICS: AN INTEGRAL APPROACH T. Khomutova, I. Parulina	8018
EXPERIENCE IN TEACHING ENTREPRENEURS USING DIFERENT APPROACHES IN CAPSTONE COURSE IN A MASTER OF ENGINEERING MANAGEMENT PROGRAM A. Hilal-Alnaqbi, S. Sivaloganathan, A.H. Ismail Mourad	8024
INTERNET OF THINGS (IOT) - SMART AGRICULTURE EDUCATION AT THE UNIVERSITY OF QUEENSLAND K. Bryceson, A. Navas Borrero, K. Gunasekera	8036
A WHITE KNUCKLE RIDE: EMBEDDING LEARNING ANALYTICS IN POST GRADUATE EDUCATION D. Edwards, C. Foley	8045
THE IMPORTANCE OF VISUALIZATION IN TEACHING FOREIGN LANGUAGES E. Sinitsyna, S. Burikova	8046
SMALL QUADCOPTER DRONES AS EDUCATIONAL TOOLS IN AGRICULTURE AT THE UNIVERSITY OF QUEENSLAND K. Bryceson, A. Navas Borrero, C. Camilleri, F. Vasuian	8052
INTERCULTURAL APPROACH IN FOREIGN LANGUAGE TEACHING S. Burikova, E. Sinitsyna	8061
AN EXPERIENCE IN PRIMARY EDUCATION WITH DIDACTIC MATERIALS TO INTRODUCE NATURAL NUMBERS AND THEIR ADDITION A. Beltrán Felip, V. Beltrán Felip, A. Caballer Monsonís, C. Melchor Borja	8068
THE IMPLEMENTATION OF WORK-BASED LEARNING IN PUBLIC ADMINISTRATION STUDY PROGRAMS: THE CASE OF THE FACULTY OF ADMINISTRATION M. Dečman	8074
FACTORS ASSOCIATED WITH SELF DIRECTED READINESS AMONG POSTGRADUATE NURSING STUDENTS E. Taha	8084

COMPETENCE DEVEVELOPMENT BY RECOMMENDATION PROCEDURES – QUALIFICATION FOR HIGHER EDUCATION STAFF L. Koettgen, C. Tummel, A. Richert, I. Isenhardt	8092
THE ANALYSIS OF THE 2015 REVISED KOREAN NATIONAL COMPUTING EDUCATION CURRICULUM FOR ELEMENTARY SCHOOL S. Lee, Y. Jeon, S. Kim, T. Kim	8099
HIGH PERFORMANCE OF UNIVERSITY STUDENTS: FOCUS ON LECTURES SCHEDULES A. Garcia, J. Cuadrado, M.V. Biezma, E. Rojí, E. Briz	8106
CURRICULAR INNOVATION: A CASE STUDY OF MODULE DEVELOPMENT IN HIGHER EDUCATION: WEARABLE TECHNOLOGY G. van Vuuren Cassar	8116
SCREENCAST VIDEOS AS A TOOL TO ENHANCE THE TEACHING OF PHYSICS J. Molina-Mateo, J.A. Gómez-Tejedor, A. Vidaurre, J. Riera, J.M. Meseguer-Dueñas, I. Tort-Ausina	8117
ONLINE TEACHING IN CONSTRUCTION OF STRUCTURES: PARTICIPATIVE TOOLS J.C. Pérez-Sánchez, B. Piedecausa-García, V.R. Pérez-Sánchez, R.T. Mora-García, M.F. Céspedes-López	8128
GUIDELINES AND METHODOLOGIES IN THE TUTORIAL OF FINAL DEGREE PROJECTS	8135
C. Rodriguez, J. Cuadrado, M.V. Biezma, A. Orbe, M. Zubizarreta	
DESIGN LEARNING OUTCOMES IN PORTUGUESE HIGHER EDUCATION CURRICULA: HOW ARE THEY DEFINED AND IMPLEMENTED? D. Dias, P. Carvalho, D. Soares	8142
POSSIBILITIES OF USING SMARTPHONES AT UNIVERSITIES J. de Pablo Valenciano, G. Hidalgo Rodriguez, M. Capobianco Uriarte, J. Milán García	8151
RETRIEVING CIVIC DIMENSIONS IN HIGHER EDUCATION CURRICULA: IS LEARNING IMPROVING STUDENTS' CIVIC DEVELOPMENT? D. Dias, D. Soares	8159
ROLE PLAYING FOR KNOWLEDGE ABOUT THE EUROPEAN UNION COUNTRIES J. de Pablo Valenciano, J. Uribe Toril, J. Milán García, M. Capobianco Uriarte	8167
THE IMPACT OF BLENDED LEARNING ON LEARNING OUTCOMES IN KAZAKHSTANI SECONDARY EDUCATION I. Adikhanov, Z. Sagyndykova	8171
DEVELOPMENT OF READING COMPREHENSION USING INNOVATIVE MATERIALS IN FOREIGN LANGUAGE TEACHING E. Stranovska, K. Chvalova	8178
FATİH PROJECT: OPINIONS OF PRE-SERVICE ENGLISH TEACHERS E. Akgün-Özbek	8189
DEVELOPMENT OF ICT COMPETENCY AMONG STUDENTS STUDYING TRANSLATION FOR PROFESSIONAL PURPOSES V. Sibul, V. Vetrinskaya, I. Smirnova, A. Ivanova	8198
DEVELOPMENT OF PROFESSIONAL AND PERSONAL REFLECTION AMONG STUDENTS IN FOREIGN LANGUAGE CLASSES V. Vetrinskaya, V. Sibul, D. Zozulya, D. Badmatsyrenova	8203
USING RISK REGISTER IN RESEARCH PROJECTS D. Kuchta, E. Ptaszyńska	8207
STUDY OF TWO-DIMENSIONAL COUPLED OSCILLATIONS USING A SMARTPHONE ACCELERATION SENSOR FOR PHYSICS TEACHING M.H. Giménez, L. Velázquez, J.C. Castro-Palacio, J.A. Monsoriu, J.A. Gómez-Tejedor	8214
IT IS NOT THE EASY OPTION PEOPLE THINK IT IS. SOCIAL ISOLATION AS A CONSEQUENCE OF LIVING AT HOME WHEN STUDYING AT UNIVERSITY. SOME IMPLICATIONS FOR TEACHING AND LEARNING S. Speed, D. Burns, P. Fisher	8219
ON THE INTERACTION BETWEEN LINGUISTICS, TRANSLATION STUDIES AND METHODS OF TEACHING TRANSLATION A. Litvinov, E. Breus, Z. Volkova, O. Chernova	8220
EXPERIENCES TO ENHANCE TRANSVERSAL SKILLS IN AEROSPACE ENGINEERING M. Lázaro, I. Ferrer, P. Martín, J.L. Pérez-Aparicio, A. Agüero, S. Hoyas	8227
FEATURES OF ASSIMILATION OF EDUCATIONAL INFORMATION BY STUDENTS WITH DIFFERENT LEVELS OF PSYCHOLOGICAL WELL-BEING M. Tikhomirova, N. Bordovskaja, F. Koshkina, N. Bochkina, O. Zhebrovskaja	8234

FALLING OBJECTS AND PROJECTILE MOTION WITH REGARD THE AIR RESISTANCE S. Buček	8243
IDENTIFYING THE CHARACTERISTICS OF TEACHERS' CURRICULUM DESIGNS AND THEIR EMBEDDED PEDAGOGICAL CONTENT KNOWLEDGE FOR MODELING-CENTERED INQUIRY M. Papaevripidou, Z. Zacharia	8250
STRATEGICAL COMBINATION OF PROBLEM BASED LEARNING (BPL) AND FORMATIVE EVALUATION FOR EXPERIMENTAL SUBJECTS IMPARTED WITHIN SCIENCE DEGREE PROGRAMS A. Gredilla, S. Fdez-Ortiz de Vallejuelo, A. de Diego, J.M. Madariaga	8251
PEER FEEDBACK IN AN E-LEARNING ENVIRONMENT AND ITS EFFECTIVENESS IN DEVELOPING MOTIVATION AND DEEP LEARNING AMONG INTERMEDIATE FEMALE STUDENTS IN KUWAIT W. Alazmi, A. Ismail, A. Nouby	8260
A TECHNOLOGICAL ENRICHED LESSON: PERCEPTIONS ON THE USE OF WHATSAPP AND SKYPE ON TEACHING PRACTICE W. Manduna	8265
PH.D. PROGRAMME'S NEW ROLE IN THE RUSSIAN SYSTEM OF ACADEMIC STAFF TRAINING J. Berezhnaya, V. Gurtov, I. Pennie	8273
DEVELOPING INTERCULTURAL COMPETENCY: STUDY ABROAD EXPERIENCE Z. Sagyndykova, B. Gazdiyeva, A. Zhakupova	8280
UNDERSTANDING LIFELONG LEARNING THROUGH THE EYES OF PORTUGUESE HIGHER EDUCATION INSTITUTIONS D. Soares, D. Dias	8285
BUILDING CHARACTER THROUGH PROMOTING THE COMMUNITY SERVICE IN HIGH SCHOOL STUDENTS AT VIARÓ GLOBAL SCHOOL G. Lisbona	8291
EVALUATION OF EDUCATIONAL OUTCOMES – RESULTS OF THE PILOT EMPLOYERS SURVEY A. Januszewski	8296
TRAINING SPECIALISTS IN THE FIELD OF SCIENCE AND TECHNOLOGY OF MATERIALS: FROM THE EARLY STAGES TO THE SPECIALIZATION E. Laguna-Gutierrez, M.A. Rodriguez-Perez	8304
EVALUATING A VERSATILE LEARNING SPACE G.A. Stoica, R. Støckert, K. Arnesen	8311
MANAGEMENT AND MONITORING SYSTEM FOR TELECONSULTATION OF THE TELEHEALTH CENTER OF THE FEDERAL UNIVERSITY OF MARANHÃO, BRAZIL H. Oliveira Serra, R. de Sousa Silva, L. Bezerra Maia, N. da Silva Lima, R. Costa Silva Santos, A. Melônio dos Reis, P. Jullieth Alves de Andrade, A. Bezerra Maia	8322
MANAGEMENT SYSTEM FOR EDUCATION ACTIVITIES OF THE TELEHEALTH CENTER OF THE FEDERAL UNIVERSITY OF MARANHÃO, BRAZIL H. Oliveira Serra, L. Bezerra Maia, N. da Silva Lima, R. de Sousa Silva, M. Alves Moraes Montes, T. Maia Sousa, P. Jullieth Alves de Andrade, A. Bezerra Maia	8328
EXPERIENCES IN TRAINING LSPS IN KAZAKHSTANI UNIVERSITIES R. Zagidullin, A. Zagidullina	8333
ANALYSIS OF PROVIDING THE RUSSIAN LABOR MARKET BY THE HIGHLY QUALIFIED SCIENTIFIC PERSONNEL: THE SECTORAL AND TERRITORIAL CONTEXT M. Nasadkin, L. Shchegoleva, S. Pakhomov	8340
EXPLAIN IT WITH VIDEOS - A NEW APPROACH IN BIOLOGY TEACHER EDUCATION D. Elster, T. Barendziak	8346
CREATING AND SHARING CONTENT THROUGH OPEN VIRTUAL PLATFORMS: THE STUDENT PERSPECTIVE T. Rowledge, T. Davidson, L. Harris, N. Fair, M. Gatenby	8352
USING A FLIPPED, ACTIVE-ENGAGEMENT APPROACH IN ADVANCED THEORY COURSES FOR GRADUATE AND UPPER-LEVEL UNDERGRADUATE PHYSICS STUDENTS R. Lopez	8360
THE NEW REALITY FOR THE SPANISH UNIVERSITY: NEW SPACES FOR NEW PEDAGOGIES M.R. Carefa Parrilla, R. Mahahu Mukiur, O. Martinez Moura	8361

COLLABORATIVE SOCIAL LEARNING: SOCIO-TECHNICAL MODULE DESIGN IN UK HIGHER EDUCATION – A CASE STUDY N. Fair, L. Harris, H. Davis	8370
LEADERSHIP AND PROJECT MANAGEMENT EDUCATION FOR NEXT GENERATION ACADEMIC STAFF LEADER T. Maruyama, K. Yoshida	8381
THE METALINGUISTIC DEFICIT IN ENGLISH LANGUAGE TEACHING D. Mason	8387
ACADEMIC SOCIALISATION THROUGH FACEBOOK: ORIENTING PEER COLLABORATION TOWARDS THE INTERPRETATION OF LEARNING W. Peeters	8396
ANALYZING STUDENTS' INTENTIONS TO USE KNOWLEDGE PILLS: A TAM APPLICATION N. García-de-Frutos, R. Antolin-Lopez	8405
REDESIGNING INTRODUCTORY COMPUTER SCIENCE COURSES TO USE TUTORIAL-BASED LEARNING E. Lokkila, E. Kaila, V. Karavirta, T. Salakoski, M.J. Laakso	8415
TRAINING OF THE TRANSLATION OF NEW ENVIRONMENTAL TERMS IN RUSSIAN, ENGLISH AND FRENCH (STUDY-SYNTHESIS) IN THE PROFESSIONAL VOCABULARY M. Avdonina, M. Rudneva, N. Valeeva, N. Zhabo	8421
WORKING AFFECTIVE SEXUAL DIVERSITY AT THE CLASSROOM THROUGH LIFE STORIES AND TESTIMONY THEATER L. Moliner, A. Aguirre, A. Francisco, L. Poch	8428
THE FOURIER ANALYSIS IN THE TEACHING OF APPLIED MATHEMATICS IN TRANSPORT USING MATLAB J. Kulicka, A. Berkova	8431
IMPLEMENTATION OF AN ENGLISH MODULE IN HIGHER EDUCATION. EXAMPLE OF A CLIL INITIATIVE M. Zubitur, M. Sánchez	8438
PROPOSAL TO EVALUATE THE QUALITY OF LEARNING OBJECTS USING ONTOLOGIES L.M. González Ruiz, A. Montoyo	8445
COMMUNICATION COMPETENCIES IN THE DIGITAL AGE: THE NEW FRONTIER OF COMMUNICATION ACROSS THE CURRICULUM A. Dominguez	8455
COLLABORATIVE RUBRIC IN THE MULTIDISCIPLINARY CONTEXT OF THE PERFORMANCE ASSESSMENT J.A. Andrés Lacasta, E.M. Llera, I. Zabalza, S. Scarpellini, R. Ortega, C. Ferrer	8465
INTEGRATIVE ANATOMY IN THE GRADE OF MEDICINE IN THE UNIVERSITY OF JAUME I, THE NEED OF CONTINUOUS UPDATE IN TEACHING F. Ros Bernal, A.M. Sánchez Pérez, M.J. Sánchez Catalán, V. Gumbau-Puchol, F.E. Olucha Bordonau	8471
IT IS ESSENTIAL TO BE EXPLICIT ABOUT COPYRIGHT LAW IN HIGHER EDUCATION COURSES G. Fernández Saavedra, B.G. Montemayor Flores	8477
THE IMPACTS OF SKILL TEST ON BACCALAUREATE STUDENT NURSES: A QUALITATIVE STUDY J. Wong, Y.T. Chow, K.L. Lau, Y.L. Lau, C.K. Law, P.S. Leung, H.Y. So, C.H. Yau, C.W. Yip	8482
DESIGN AND DEVELOPMENT OF AN ON-LINE COURSE TO TRAIN ANATOMY INSTRUCTORS B.G. Montemayor Flores, G. Fernández Saavedra	8489
ADVANTAGES AND DISADVANTAGES OF THE INVOLVEMENT OF COMPUTER- AIDED ASSESSMENT SYSTEM IN MATHEMATICS A. Berkova, J. Kulicka	8493
AN APPROACH TO ACCESSIBILITY EVALUATION FOR PEOPLE WITH VISUAL IMPAIRMENTS IN SERIOUS GAMES A. Jaramillo-Alcazar, S. Luján-Mora, S. Criollo-C, W. Villegas-Ch	8501
TRAINING IN SKILLS OF STUDENTS OF ENGINEERING J.C. Fortes-Garrido, J.M. Dávila Martín, B. Fortes-Hidalgo, M. Hidalgo-Hidalgo	8502
BLURRED LINES: USING ARTS BASED METHODS IN CRIMINOLOGICAL RESEARCH C. Fox	8507

DEVELOPMENT OF CREATIVITY AND NEED-BASED LEARNING IN TOPOGRAPHIC ENGINEERING DESIGN	8514
J.M. Valderrama-Zafra, C. Martin-Doñate, F.J. Gallego-Alvarez, J.M. Montalvo-Gil, M.A. Rubio-Paramio	
BLENDED LEARNING - AN EPISTEMIC CONCEPTUALIZATION OF "LEARNING AS WAYFINDING" IN BLENDED ENVIRONMENTS S. Dau	8521
THE BORDERLAND – HOW BLURRED ECOTONES INFLUENCE STUDY ACTIVITIES S. Dau	8533
EARLY RESEARCH EXPERIENCE. A CASE OF UNIVERSITY-INDUSTRY COOPERATION ON STUDENT'S DEVELOPMENT J.M. Peláez	8541
A PROTECTIVE DESIGN PROCEDURE FOR CONVENTIONAL STRUCTURES CRITERIA TO BE FOLLOWED IN URBAN AND DESIGN COURSES M. El Basyouni, I. Gouda	8547
MODERN ARCHITECTURAL TRENDS FOR DESIGNING MILITARY INSTALLATION M. El Basyouni, I. Gouda	8558
TEACHING MATHEMATICS BILINGUALLY: A TEACHING DILEMMA IN TATAR SCHOOLS IN RUSSIA L. Salekhova, R. Zaripova, A. Danilov	8568
LEARNING EXPERIENCE AND ACQUIRED COMPETENCIES THROUGH MATHEMATICAL METHODS TEACHING	8576
A. Balaguer-Beser, E. Checa-Martínez, J. Marín-Molina, J.V. Sánchez-Pérez, M. Ferri, J.M. Bravo TRANSVERSAL COMPETENCIES RELATED TO THE SUBJECT OF ENVIRONMENTAL ACOUSTICS	8586
J.M. Bravo, J.V. Sánchez-Pérez, M. Ferri, A. Balaguer-Beser, E. Checa-Martínez, J. Marín-Molina	
USING QUADEM TO EVALUATE DIGITAL LEARNING MATERIALS FOR MODERN GREEK T. Dimitroulia, P. Panagiotidis	8594
SHARED RESPONSIBILITIES OF PARENTS AND TEACHERS IN INCLUSIVE EARLY CHILDHOOD EDUCATION S. Alisauskiene, D. Kairiene	8601
DISTANCE LEARNING A. Wiktorzak, R. Kotowski	8612
TEACHING AND LEARNING TECHNOLOGY WITH MOCKUPS M. Corral-Bobadilla, R. Lostado-Lorza, F. Somovilla Gómez, E.P. Vergara González, J. Ferreiro-Cabello, E. Fraile-García	8620
FLIPPED TEACHING IN MATHEMATICS S. Bhatia, V.R. Naidu	8627
DEVELOPMENT OF A MICRO STRESS-STRAIN TESTING MACHINE: A CASE OF APPLIED EDUCATION RESEARCH	8633
R. Lostado-Lorza, M. Corral-Bobadilla, F. Somovilla Gómez, E. Fraile-García, J. Ferreiro-Cabello SOCIAL INFLUENCE IN REGISTRATION AND RETENTION IN AN ONLINE	8639
TECHNICAL COURSE B. Tretola, K. Islam, N. Bulskov	
COMPUTER SUPPORTED COLLABORATIVE WORK, CREATIVITY PROCESSES AND INNOVATION IN TEACHER GROUPS S. Weile, E. Sjælland, J. Nielsen	8646
EXPERIENCES USING FREE SOFTWARE SIMULATION TOOLS IN ENGINEERING HIGHER EDUCATION	8653
R. Igual Catalán, J.J. Marcuello, C. Medrano, I. Plaza, I. Garcia-Magariño, F.J. Arcega ARCHITECTURE AS PEDAGOGY: DESIGNING PUBLIC SCHOOLS AS LEARNING SPACES R. Panchal, K. Patil, S. Gupta	8663
GAMES AND MUSIC: CONTRIBUTIONS FOR CHILDREN'S SCHOOL A. Urrutia, M.J. Arriolabengoa	8673
ARTISTIC INTERVENTION OF PUBLIC SPACES IN THE SCHOOL OF EDUCATION IN BILBAO M.J. Arriolabengoa, A. Urrutia, M. Peña, A. Porcel, A. Camara	8677
INFORMATION LITERACY AND LIBRARIES IN UNIVERSITY EDUCATION G. Djokovic, D. Grujic	8682

VIDEO LECTURES AND ONLINE ACTIVITIES TO ENGAGE STUDENTS IN A FLIPPED CLASSROOM A.P. Lopes, F. Soares	8688
TEACHING RENEWABLE ENERGIES USING FREE SOFTWARE: A CASE STUDY WITH R APPLIED TO OCEAN ENERGY M. Antxustegi, M. Gonzalez-Alriols, A. Urresti, A. Campos, A. Ulazia, G. Ibarra-Berastegi	8696
ESTIMATING THE USE OF GAMIFICATION IN COLLABORATIVE MOOCS, A METHODOLOGICAL PROPOSAL G. Muñoz, L. Merchán, J.L. Jurado, C. Collazos	8703
A CASE STUDY ON THE APPLICATION OF THE COMPUTATIONAL THINKING-BASED CREATIVE PROBLEM SOLVING (CT-CPS) INSTRUCTIONAL MODEL Y. Jeon, S. J. Kim, S. Lee, T. Kim	8713
ANDRAGOGY, AN UNEXPLORED MODEL OF TEACHING-LEARNING PROCESS IN ENVIRONMENTAL SCIENCE POSTGRADUATES P.J. Gutiérrez-Yurrita, L.A. García Serrano	8721
PEDAGOGICAL THINKING AND KNOWLEDGE OF CHILEAN SCIENCE TEACHERS. PROFILE OF FUTURE TEACHER S. Contreras	8728
QUALITY STANDARDS IN TECHNICAL AND VOCATIONAL TRAINING. IMPLEMENTATION EXPERIENCE ISO 9001: 2008 IN A SECONDARY SCHOOL IN CHILE S. Contreras, J. Torres, P. Palominos, L. Lippi	8737
LEARNING WITH MOBILE DEVICES: BRING NEW POSSIBILITIES TO MATHEMATICS EDUCATION L. dos Santos Luiz, R. Antunes de Sá, P. Vogt	8743
UNIVERSITY PERFORMANCE INDICATORS IMPACT ON THEIR RANKING POSITION O. Zyateva, E. Pitukhin, I. Peshkova	8751
SELF-EFFICACY IN PRESCHOOL AND PRIMARY TEACHERS: DOES EXPERIENCE, EDUCATIONAL BACKGROUND, AND TEACHING LEVEL MATTER? M. Cocca, A. Cocca	8760
MOTIVATION AND SERVICE EVALUATION OF THE ARMED FORCES OF THE CZECH REPUBLIC MEMBERS T. Dolečková	8761
BRING YOUR OWN DEVICE FOR E-ASSESSMENT - A REVIEW B. Küppers, U. Schroeder	8770
PEDAGOGICAL POTENTIAL OF MOBILE VOTING TOOLS TO DESIGN AN INTERACTIVE UNIVERSITY LECTURE S. Titova, O. Samoylenko	8777
THANKS FOR FLIPPING! – THE PRESENCE AND FUTURE OF BLENDED LEARNING FOR TEACHING (LARGE) CLASSES L. Lenz, L. Koettgen, V. Stehling, A. Richert, I. Isenhardt	8788
INSTRUCTORS' SOCIO-COGNITIVE CONFLICTS AFTER STUDENTS' EVALUATIONS OF INSTRUCTION - A DRIVING FORCE FOR CHANGE MANAGEMENT? A. Baumeister, R. Bochmann, H. Rindermann	8798
MATH SKILLS IN THE FIRST YEAR AT THE UNIVERSITY OF UNDERGRADUATE STUDENTS IN BUSINESS DEGREE C. Paralera Morales, A.M. Martín-Caraballo, A.F. Tenorio	8803
TECHNOLOGICAL MULTI-TASKING IN COMMUNITY INTERPRETING CLASSROOM – THE PEDAGOGICAL DEVELOPMENT TOWARDS MULTI-CAMPUS TEACHING AND LEARNING MODEL FOR REMOTE AND IN-CLASS STUDENT PARTICIPATION T. Alasalmi, A. Saarenmaa, M. Vainikka	8812
ASSESSING STUDENTS COMPETENCIES AND LEARNING IN MASTER THESIS PROJECTS: TOWARDS AN INTEGRATED EVALUATION APPROACH A. Arisó, M. Girotto, L.A. Segui Amortegui	8822
A SURVEY ANALYSIS ON TEACHING PURPOSES AND LEARNING PERCEPTIONS FOR RELATIONS BETWEEN THEORIES AND APPLICATIONS IN UNDERGRADUATE MATHEMATICS G. İntepe, E. Mizrahi, İ. Hacınlıyan	8828
DOODLE WEB-APPLICATION TO DECIDE SCHEDULE CHANGES IN HIGHER EDUCATION A. Melero	8838

ACADEMIC TEACHING AT DIGITAL FABRICATION LABORATORIES IN THE FIELD OF MECHANICAL ENGINEERING H. Karre, M. Friessnig, T. Böhm, C. Ramsauer	8844
HOW TEACHERS BECOME CONTENT PRODUCERS: STUDENTS' USE OF EBOOKS M. Figueiredo, J. Bidarra, R. Bostad	8854
MILAGE APP – MOBILE LEARNING OF MATHEMATICS M. Figueiredo, B. Godejord, J. Rodrigues, A. González-Pérez	8863
THE USE OF A BUSINESS GAME TO IMPROVE DECISION-MAKING PROCESS IN MANAGEMENT P. Silva, R. Mello, F. Mello	8873
A SYSTEMATIC REVIEW ON RELEVENT SOFT SKILLS IN SOFTWARE ENGINEERING CURRICULA R. Singh Dubey, V. Tewari	8880
BUSINESS SIMULATION BEFORE AND AFTER ENTRE4FUTURE PROJECT: LESSONS LEARNED P. Silva, R. Bertuzi, A. Mesquita	8889
TOWARDS APPROPRIATE MODELING PRACTICES THROUGH EVALUATION CRITERIA C. González-Lluch, M.J. Bellés Ibañez, M. Gomez-Fabra	8898
PROBLEM SOLVING IN ENGLISH FOR SPECIFIC PURPOSES TEACHING A. Radyuk, M. Banshchikova, S. Kogotkova, I. Kazieva	8905
TEACHING THE CORRECT USE OF ENGLISH BORROWINGS IN GERMAN M. Banshchikova, A. Radyuk, T. Veldyaeva, N. Eranova	8910
PEER MEDIATION AS TOOL TO RESOLVE SCHOOL BASED CONFLITCS: THE OPINION OF AN SCHOOL STAFF (CASE STUDY) G. Čiuladienė, R. Raudeliūnaitė	8915
THE ATTITUDE OF PUPILS TOWARDS CONFLICTS AND MEDIATION G. Čiuladienė, R. Raudeliūnaitė	8924
UTILIZATION OF COMPUTER-AIDED ASSESSMENT IN MATHEMATICAL ENGINEERING STUDIES H. Kinnari-Korpela, H. Yli-Rämi	8933
COMPUTER EXERCISES TO MOTIVATE LEARNING ON ESSENTIAL ISSUES OF MOLECULAR QUANTUM CHEMISTRY D. Ferro-Costas, R.A. Mosquera, A. Peña-Gallego, C. Bravo-Díaz, I. Pérez-Juste	8943
PROFICIENT READING AND SPELLING IN ENGLISH AS A SECOND LANGUAGE: CONSIDERING EVIDENCE-BASED STRATEGIES FROM THE NATIONAL READING PANEL A. van Staden	8952
10 PATHS PROJECT: DEVELOPING EDUCATION OF ICT-SECTOR AT UNIVERSITIES OF APPLIED SCIENCES H. Kinnari-Korpela	8958
TEACHING THE IMPORTANCE OF SPIN ADAPTED CONFIGURATIONS IN CHEMISTRY DEGREES D. Ferro-Costas, J.J. Nogueira	8963
RE-IMAGINING WORKPLACE LEARNING S. Athavale	8972
RESPONSIBILITY FOR SCHOOL OUTCOMES: TEACHERS', STUDENTS' AND PARENTS' POINT OF VIEW M.C. Matteucci	8981
CRITICAL PEDAGOGY APPROACH TO IMPROVE FOREIGN LANGUAGE READING SKILLS O. Maximova	8989
FLIPPED LEARNING: A PEDAGOGICAL APPROACH IN TEACHING MATHEMATICS L.K. Pulipaka, G.R. Laigo, A.H. Bhatti	8996
ENTREPRENEURSHIP COMPETENCES IN BUSINESS PLANS: A SYSTEMATIC LITERATURE REVIEW AND RESEARCH AGENDA R. Ferreras, A.B. Hernández-Lara, E. Serradell-López	9002
DIGITAL LITERACY SKILLS AND THE CHALLENGE OF COLLABORATIVE CULTURE IN HIGHER EDUCATION: FROM INDIVIDUAL PSYCHOLOGICAL OWNERSHIP TO CO-OWNERSHIP T. Shamir Inhal. I. Blau	9012

BRINGING EXPERIENTIAL LEARNING WITH HTML5 AND MATLAB GUIDE ENVIRONMENT: VIRTUAL APPLICATIONS FOR EPO, ESO AND BACCALAUREATE A.I. Gómez-Varela, F. S. Vara, N. Barreira Rodríguez, M. Ortega Hortas, J. Novo Buján, M. G. Penedo, M. Varela González, M.T. Flores-Arias, C. Bao-Varela	9014
MANAGEMENT OF ONLINE-BASED PATIENT EDUCATION IN ULTRASOUND IMAGING E.T. Avramescu, M.D. Mitrache, A. Camen, L. Georgescu	9022
IMPROVING EVALUATION STRATEGIES IN TECHNICAL DISCIPLINES. A CASE STUDY A. Crisan, L. Crisan	9028
COMPARING BA AND MA STUDENT FEED-BACK ON E-LEARNING FACILITIES A. Andreica	9034
WELLNESS AND SPA SERVICES - ONLINE TRAINING EDUCATION AND MANAGEMENT TRENDS L. Georgescu, E.T. Avramescu, M.D. Mitrache, M. Dragomir	9045
"PLANTS VS ZOMBIES" – STUDENTS' EXPERIENCES WITH AN IN-HOUSE PHARMACY SERIOUS GAME K. Yap, K.Z. Yap, M.Y. Bin Abdol Ghani, J. Yap, U.S. Athreya	9049
ANALYSIS OF COMMON MISTAKES IN FIRST CERTIFICATE IN ENGLISH COMPULSORY WRITING TASK "ESSAY" (BY AN EXAMPLE OF THE EXAM PREPARATION COURSE)	9054
O. Kabrysheva, U. Smirnova GENDER DIFFERENCES AND STEREOTYPES IN ACADEMIC STUDIES ACHIEVEMENT. ROMANIAN HIGHER EDUCATION INSTITUTIONS CASE M. Mocanu, G. Boldureanu	9060
THE MULTILINGUAL ACQUISITION IN GLOBALISATION CONTEXT. A SOCIOLINGUISTIC APPROACH M. Mocanu, A.D. Bibiri	9069
DIFFERENCES AND PROSPECTS OF CREATIVITY EDUCATION IN TAIWAN AND FINLAND T. Shen, J.C. Lai, I. Ruokonen	9077
CREATIVITY IN TEACHING SINGING R. Feiferlikova, D. Mandysova	9086
THE EMPHASIS OF COMPUTER AIDED DESIGN ON THE LINK BETWEEN THEORY AND PRACTICE M. Podařil	9093
STUDENTS' ABILITY TO IDENTIFY, UNDERSTAND AND UTILIZE SCIENTIFIC CONCEPTS IN DIFFERENT CONTEXTS M. Barchilon Ben-Av, I. Gurevich	9099
WHAT IS HAPPENING TO SCIENCE SUBJECTS IN PUBLIC EDUCATION? - UNIVERSITY STUDENTS' OPINION ABOUT TEACHING SCIENCE E. Malmos, M. Chrappán, E. Jász	9105
PERSPECTIVES ON SCIENCE, RESEARCH AND TECHNOLOGICAL INNOVATION IN ROMANIA AND EU. A COMPARATIVE ANALYSIS D. Boldureanu, A. Prodan, G.G. Andruseac, C. Costuleanu, G. Boldureanu	9116
EFFICIENT CONTENT MANAGEMENT APPROACH FOR A BROAD E-PORTFOLIO IN PATENT RELATED TOPICS A. Flores Jimenez, S. Sanchez Barrio, J. Bacik	9124
DEVELOPMENT OF THE SOFTWARE EDUCATION CURRICULUM MODEL FOR SECONDARY EDUCATION IN KOREA S.W. Kim, Y. Lee	9129
THE EFFECT OF ROBOT PROGRAMMING EDUCATION ON ATTITUDE TOWARD ROBOTS OF PRE-SERVICE TEACHERS H. Park, S.W. Kim, Y. Lee	9139
TWO LANGUAGES, ONE STORY, ZERO WORDS. AN EXPERIENCE BASED ON INTERMEDIALITY I. Farrés i Cullell, K. Kunde	9146
NEW INSIGHT INTO PHYSICAL EDUCATION AS SYSTEM-FORMING CHRONOTOPE IN HEALTH-FORMING EDUCATIONAL SPACE OF SCHOOL E. Cherepov, A. Nenasheva	9154

DIGITAL IDENTITY CONSTRUCTION AND HIGH SCHOOL STUDENTS: A LIFELONG LEARNING COMPETENCE TO BE ADDRESSED C. Santiago-Sota	9158
ENCOURAGING ORGANIZATIONAL CHANGE – DEVELOPING A CERTIFICATE FOR HOLISTIC DEMOGRAPHY MANAGEMENT SYSTEMS N. Schiffeler, W. Behrens, S. Stiehm, A. Richert, S. Jeschke	9167
USING COMMUNICATION ACCOMMODATION THEORY TO ANALYSE LANGUAGE- DISCORDANT NURSE-PATIENT INTERACTIONS: IMPLICATIONS FOR APPLIED LINGUISTIC DESIGN M. Pretorius	9177
POVERTY STOPLIGHT OLYMPIC GAMES: ENGAGING YOUTH IN OVERCOMING POVERTY M.C. Burt, E. Gustale	9185
COMPREHENSIVE APPROACH FOR EDUCATIONAL PROCESS T. Vitenko, P. Droździel, R. Madleňák	9193
SUBJECTIVELY PERCEIVED STATUS AND PRESTIGE OF TEACHERS A. Volková	9198
EXPERIMENTAL EFFECTS OF CREATIVE TECHNIQUE TEACHING IN CREATIVE THINKING AND WORKS ANALYSIS T. Shen, J.C. Lai	9204
THE USE OF TECHNOLOGY TO IMPROVE SOCIO-EMOTIONAL SKILLS AMONG GIFTED CHILDREN M. González-Carrasco, G. Crous, D. Navarro	9212
DEVELOPING CULTURAL AND SOCIAL COMPETENCIES AND DISPOSITIONS THROUGH STRUCTURED ENGAGEMENTS WITH COMMUNITY-BASED ORGANIZATIONS J. Davis	9213
NEEDS IN THE FORMATION OF DEAF TEACHERS IN MÉXICO V.H. Medrano, M.P. Fernández Viader, M. Cruz-Aldrete	9214