

## VIST gegevens CreaTe

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                |
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| <b>Vaknaam</b>                    | NM4: Virtual Environments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                |
| <b>Vakcode</b>                    | 6700040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                |
| <b>ECTS</b>                       | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                |
| <b>Vakbeschrijving</b>            | <p>The course introduces virtual environments, more in particular 3D virtual environments, such as deployed for online games and communities, as well as for scientific data visualisation. The course will focus on the Unity game development tool, but also discuss alternatives such as web GL, X3D, and extensions to flex/as3 for developing 3D immersive applications, such as Papervision3D.</p> <p>Online reference(s):</p> <ul style="list-style-type: none"> <li>* <a href="http://unity3d.com">unity3d.com</a></li> <li>* <a href="http://www.chromeexperiments.com/webgl">www.chromeexperiments.com/webgl</a></li> <li>* <a href="http://www.web3d.org">www.web3d.org</a></li> <li>* <a href="http://blog.papervision3d.org">blog.papervision3d.org</a></li> </ul> |    |                |
| <b>Doel</b>                       | Experience with design and construction of 3D virtual worlds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |    |                |
| <b>Fase</b>                       | B2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |    |                |
| <b>Kwartiel</b>                   | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                |
| <b>Docenten</b>                   | Prof. Dr. A. Eliens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Tentamenvorm</b>               | Individual assignments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                |
| <b>Extra informatie</b>           | Online: <a href="http://create.eliens.net">http://create.eliens.net</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                |
| <b>Aantal studenten</b>           | <b>Min:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15 | <b>Max:</b> 30 |
| <b>Contacturen per week</b>       | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                |
| <b>Taal vak</b>                   | english                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                |
| <b>http-adres</b>                 | <a href="http://create.eliens.net">http://create.eliens.net</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |    |                |
| <b>Inschrijvingseisen</b>         | For Creative Technology students only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |    |                |
| <b>Voorkennis verplicht</b>       | NM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Voorkennis noodzakelijk</b>    | nvt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Voorkennis wenselijk</b>       | nvt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Voorkennis voor</b>            | nvt                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Collegevorm</b>                | Lectures and project assignments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |                |
| <b>Literatuur</b>                 | Online: <a href="http://create.eliens.net">http://create.eliens.net</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                |
| <b>Studiemateriaal</b>            | Online: <a href="http://create.eliens.net">http://create.eliens.net</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |    |                |
| <b>Afnemende opleidingen</b>      | Creative Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |
| <b>Aanwezigheid verplicht J/N</b> | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |                |